# NEAR EAST UNIVERSITY

## FACULTY OF ENGINEERING

## DEPARTMENT OF COMPUTER ENGINEERING

# HOTEL MANAGEMENT
# USING FOXPRO PROGRAMMING

GRADUATION PROJECT
COM-400

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# ABSTRACT

Computer technology is proved that it is very important in our life. As the time is passing, technology is changed. Nowadays every department needs to be computerized. In order to complete our requirements in computers, we need strong database system where we can put our information and data.

Database management system is the branch of software, which is very famous in Computer Software to store all types of data and information.

My project is for hotel management using Computer programming. I used FoxPro Programming Language, which is one of the best and strongest database language.

In this project, I worked hard to make a good program, which will cover all services needed in most hotels.

# AKNOWLEDGEMENT

I have no words to say thanks to my parents, my brother, my aunt and uncle who supported me through all my life until this moment. This moment is the happiest moment of my life and I m glad to give happiness to my parents.

Also I would like to thank my supervisor Miss. Besime Erin who supported me in my studies whenever I required help and advice. She taught me FoxPro in two courses and completed her favor by taking the responsibility of supervising me in my final graduation project.

Here, I would also like to say thanks to my teachers who supported me well through out my studies.

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# INTRODUCTION

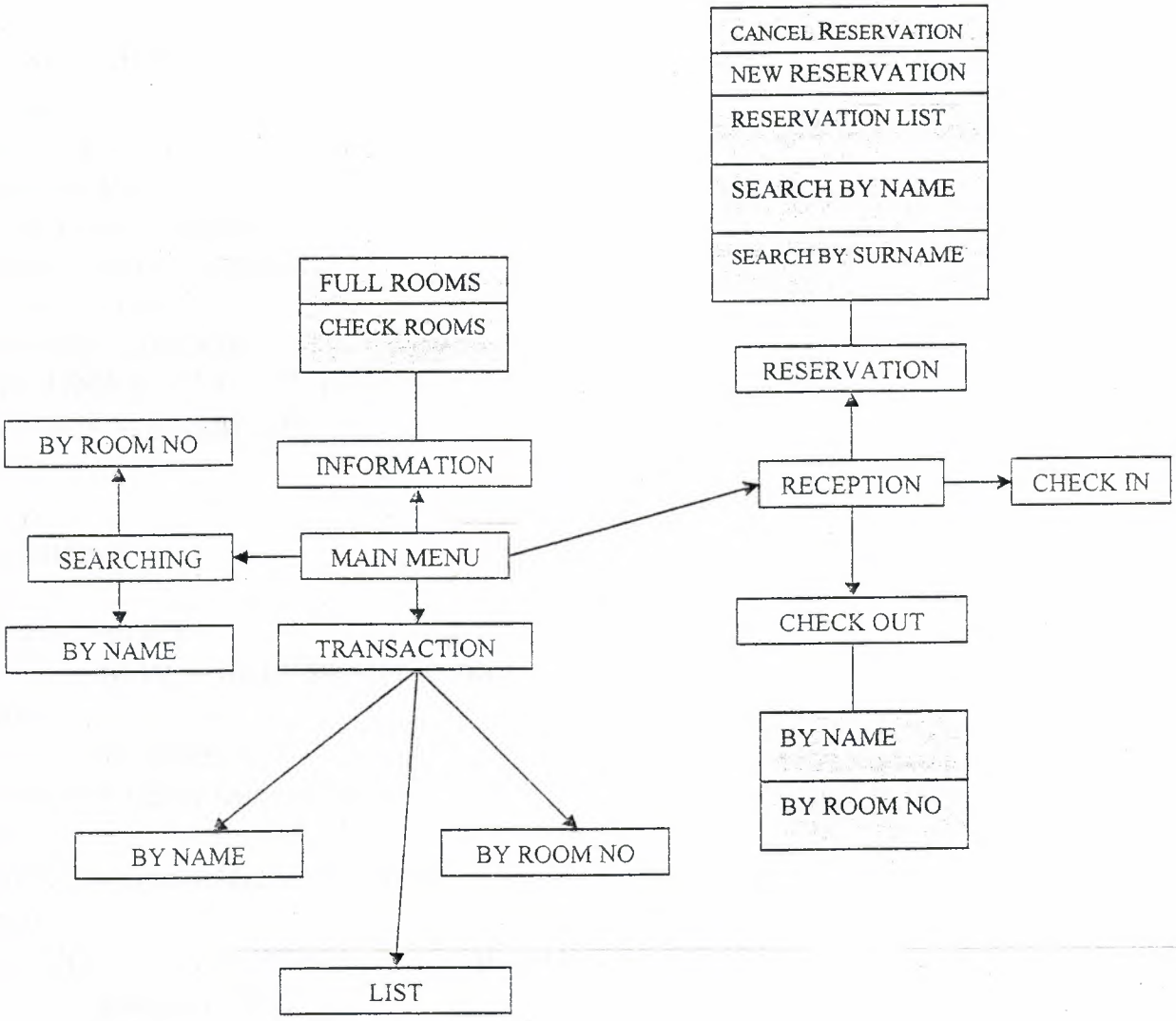
Technology is important in every field. Every department needs computer hardware and software to improve their performance. There are my companies, who improve their performances with the help of computer hardware and software. In my project, I tried to make a well-designed program for hotel management.

The aim of hotel departments is to give a warm welcome to the customers and look after them through their holiday. The hotel consists of many departments like, Reception, Restaurant, Bar, Reservation e.t.c.

Programming in FOXPRO, first of all, four databases named as Check in.DBF, reservation.DBF, rooms.DBF have been created and the attribute values have been entered. Using these databases, there are several menu-based applications of the programs have been developed. These menus include Main Menu, Reception Menu, Searching Menu, information Menu and Transaction Menu. Each of these menus provides different Submenus and options for dealing the Customers affairs. For example, adding a new entry to any of defined databases, searching these databases, updating and deleting the entries from the databases.

The purpose of this project (Use of FoxPro) as well as this course is to implement the Database Management Systems for different fields of life and this can be realized by looking at just one example of this Hotel Management Program.

# BLOCK DIAGRAM



```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
close all
set clock on off
set clock to 31.6,62
if not wexist("sameeri")
define window  sameeri;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color scheme 4
        move window sameeri center
endif
if wvisible("sameeri")
activate window sameeri same
else
activate window sameeri noshow
endif
@1.000,17.200 say "ONAR VILLAGE HOTEL";
    font "garamond",20;
    style"bit";
    color rgb(255,255,0,,,,,)

@4.000,32.200 say "WELCOME";
    font "MS Sans Serif",18;
    style"bit";
    color rgb(0,255,0,,,,,)
```

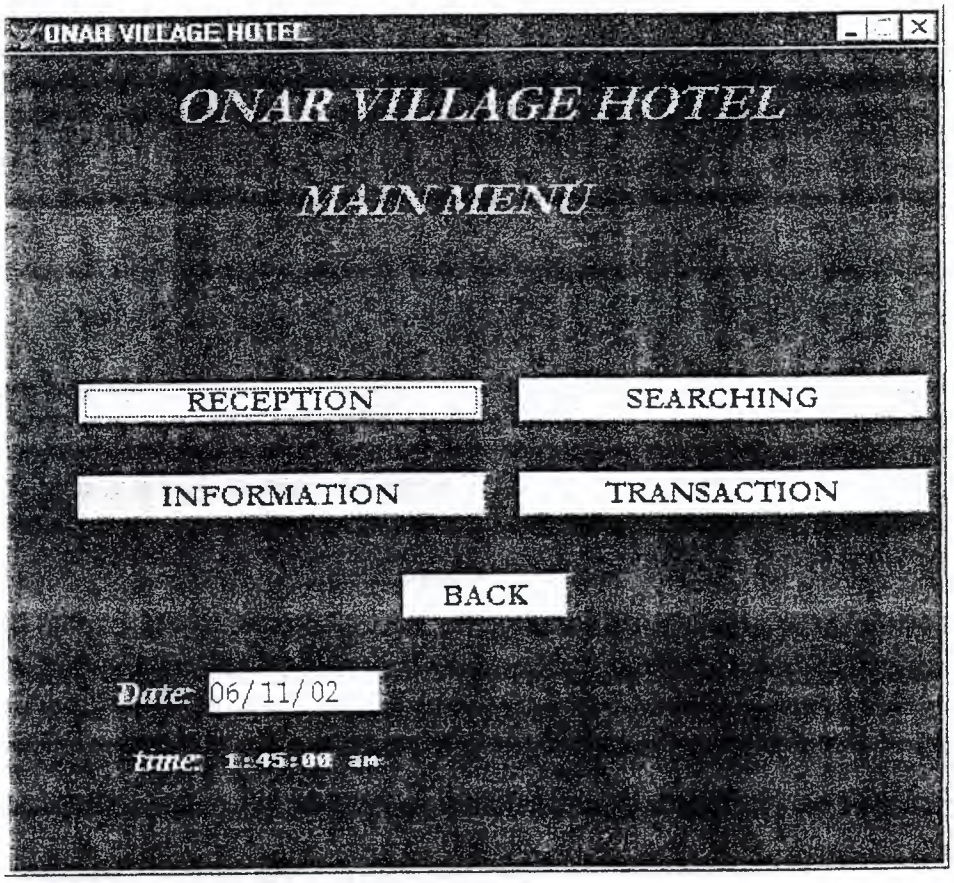
```
@12.923,7.200 get A;
    picture "@*hn MAIN MENU";
    size 1.278,30.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov2('mainmenu')


@16.624,7.200 get m.ov_exit;
    picture "@*hn/< EXIT";
    size 1.278,12.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov2('exit')

@24.385,20.600 say Date();
    size 1.000,12.600;
    font "book antiqua",12;
    color rgb(0,0,255,,,,)

@24.385,11.200 say "Date:";
    font "book antiqua",12;
    style "bit";
    color rgb(255,255,0,,,,)


@27.000,12.800 say "time:";
    font "book antiqua",12;
    style "bit";
    color rgb(255,255,0,,,,)

   if not wvisible("sameeri")
  activate window sameeri
  endif
```

**********

```
read cycle
procedure ov2
     parameter sami
do case
case sami='mainmenu'
     do c:\onarvillage
case sami='exit'
endcase
set sysm to defa
 deactivate window sameeri
 release window sameeri
 set clock off

 return
```

# MAIN MENU

The aim of the main menu is to use the program easily, faster. The main menu is divided into following options:



```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on

set clock on off
set clock to 31.6,62
if not wexist("sameer")
define window  sameer;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color scheme 4
        move window sameer center
endif
if wvisible("sameer")
activate window sameer same
else
activate window sameer noshow
endif
@1.000,17.200 say "ONAR VILLAGE HOTEL";
    font "garamond",20;
    style"bit";
    color rgb(0,255,0,,,,,)

@4.846,29.800 say "MAIN MENU";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)

@12.923,7.200 get A;
    picture "@*hn RECEPTION";
    size 1.278,30.167,0.667;
```

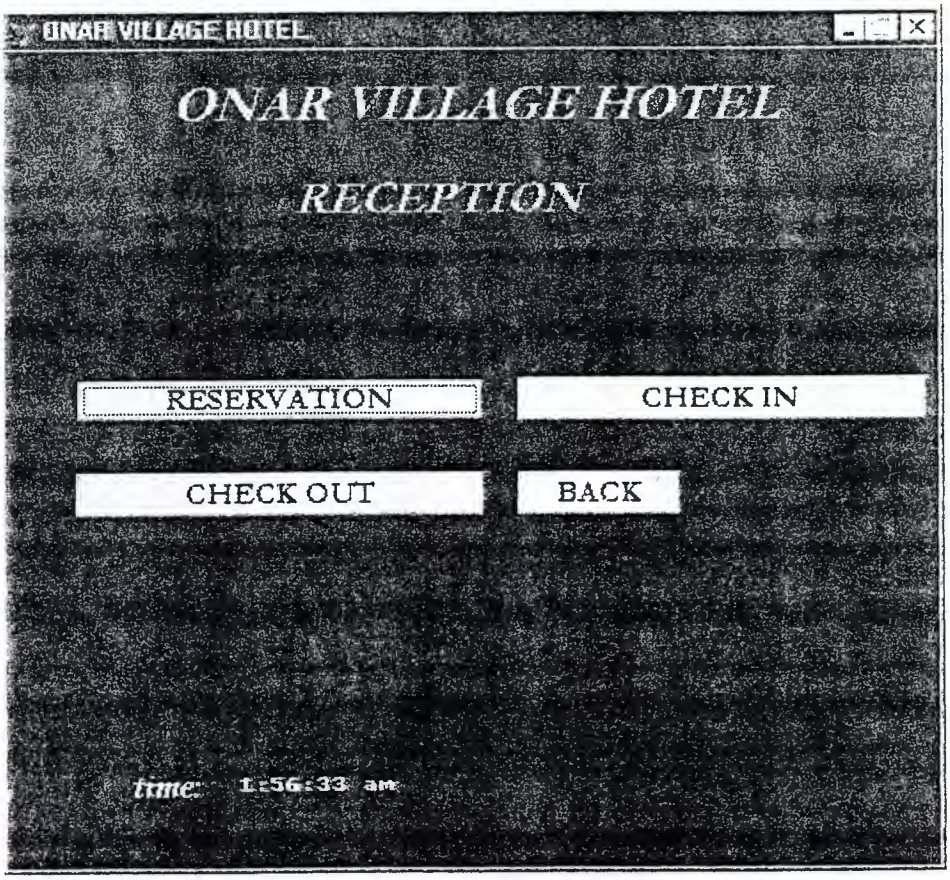
```
default 1;
    font "garamond",12;
    style "b";
    valid ov('reception')

@12.923,52.800 get a;
    picture "@*hn SEARCHING";
    size 1.278,30.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov('searching')


@16.615,7.200 get a;
    picture "@*hn INFORMATION";
    size 1.278,30.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov('information')


@16.615,52.800 get a;
    picture "@*hn TRANSACTION";
    size 1.278,30.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov('transaction')

@20.624,40.800 get m.ov_back;
    picture "@*hn/< BACK";
    size 1.278,12.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov('back')
```

```
@24.385,20.600 say Date();
    size 1.000,12.600;
    font "book antiqua",12;
    color rgb(0,0,255,,,,)

@24.385,11.200 say "Date:";
    font "book antiqua",12;
    style "bit";
    color rgb(255,255,0,,,,)

 @27.000,12.800 say "time:";
    font "book antiqua",12;
    style "bit";
    color rgb(255,255,0,,,,)



  if not wvisible("sameer")
  activate window sameer
  endif


**********************************************


read cycle
procedure ov
     parameter m.ovreception
do case
case m.ovreception='reception'
    do c:\reception
case m.ovreception='searching'
    do c:\searching
case m.ovreception='information'
    do c:\information
case m.ovreception='transaction'
         do c:\services
```

```
case m.ovreception='back'
    do c:\mainonar

endcase
set sysm to defa
 deactivate window sameer
 release window sameer
 set clock off

 return
```

# RECEPTION

The department of Reception or a front office has too many responsibilities to do. The work on reception is to handling a cash, book rooms, telephone receiving, making receipt, communication, exchange money e.t.c.



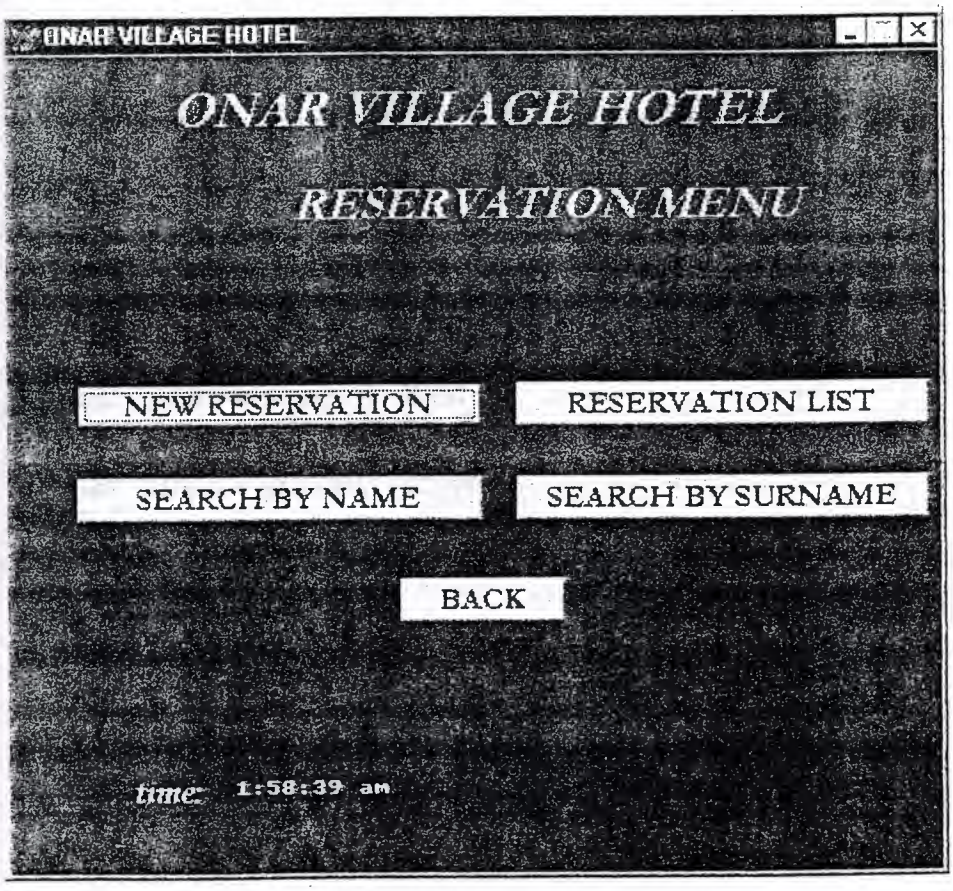
```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on

set clock on off
set clock to 31.6,62
if not wexist("sameer0")
define window  sameer0;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color scheme 4
        move window sameer0 center
endif
if wvisible("sameer0")
activate window sameer0 same
else
activate window sameer0 noshow
endif
@1.000,17.200 say "ONAR VILLAGE HOTEL";
    font "garamond",20;
    style"bit";
    color rgb(0,255,0,,,,,)

@4.846,29.800 say "RECEPTION";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)
```

```
@12.923,7.200 get A;
   picture "@*hn RESERVATION";
   size 1.278,30.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov3('resv')

@12.923,52.800 get a;
   picture "@*hn CHECK IN";
   size 1.278,30.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov3('checkin')


@16.615,7.200 get a;
   picture "@*hn CHECK OUT";
   size 1.278,30.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov3('checkout')


@16.615,52.800 get m.ov_back;
   picture "@*hn/< BACK";
   size 1.278,12.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov3('back')


@28.150,13.000 say "time:";
   font "book antiqua",12;
   style "bit";
   color rgb(255,255,0,,,,)
```

```
 if not wvisible("sameer0")
 activate window sameer0
 endif

*****************************************

read cycle
procedure ov3
     parameter sam
do case
case sam='resv'
    do c:\resvmenu
case sam='checkin'
    do c:\cuscheckin
case sam='checkout'
    do c:\chkout
case sam='back'
    do c:\onarvillage

endcase
set sysm to defa
set clock off
 deactivate window sameer0
 release window sameer0
 set clock off

 return
```

# RESERVATION MENU

Reservation menu helps receptionist to do his job easily when any reservation comes, he will have new reservation, reservation list, reserved room search by name and search by surname.



```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on

set clock on off
set clock to 31.6,62
if not wexist("sameerf")
define window  sameerf;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color schem 4
        move window sameerf center
endif
if wvisible("sameerf")
activate window sameerf same
else
activate window sameerf noshow
endif
@1.000,17.200 say "ONAR VILLAGE HOTEL";
    font "garamond",20;
    style"bit";
    color rgb(0,255,0,,,,,)

@4.846,29.800 say "RESERVATION MENU";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)

@12.923,7.200 get A;
    picture "@*hn NEW RESERVATION";
```

```
size 1.278,30.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov3('nresv')

@12.923,52.800 get a;
   picture "@*hn CANCEL RESERVATION";
   size 1.278,30.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov3('rcancel')

@16.615,7.200 get a;
   picture "@*hn RESERVATION LIST";
   size 1.278,30.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov3('rlist')


@16.615,52.800 get a;
   picture "@*hn SEARCH BY NAME";
   size 1.278,30.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov3('byname')


@20.615,7.200 get a;
   picture "@*hn SEARCH BY SURNAME";
   size 1.278,30.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov3('bysurname')
```

```
@20.615,52.800 get m.ov_back;
   picture "@*hn/< BACK";
   size 1.278,12.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov3('back')



  if not wvisible("sameerf")
  activate window sameerf
  endif


**********************************************


read cycle
procedure ov3
     parameter sam
do case
case sam='nresv'
    do c:\reservation
case sam='rcancel'
    do c:\cresv
case sam='rlist'
    do c:\resvlist
case sam='byname'
    do c:\rbyname
case sam='bysurname'
    do c:\rbysurname
case sam='back'
    do c:\reception

endcase
set sysm to defa
```

```
set clock off
 deactivate window sameerf
 release window sameerf
 set clock off

 return
```

```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
set clock on off


if not wexist("sameerC")
define window  sameerC;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
fill file;
locfile("c:\my documents\tratilea.jpg","bmp/ico/pct/icn",;
          "where is space?")
          move window sameerC center
endif
if wvisible("sameerC")
activate window sameerC same
else
activate window sameerC noshow
endif
use c:\reservations
index on reg_no to reg_nox
devam="Y"
do while devam=upper("Y")
scatter to dizi blank
clear

@1.846,16.800 say "NEW RESERVATION ";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)
```

```
@8,6 say "Enter Registration No..." get dizi[1] picture "@10"
read
if dizi[1]=space(10)
     close databases
     clear
     return
endif
cevap="N"
@8,6 say "Regestration No..."
@8,21 say dizi[1] picture "@8"
@10,6 say "Name...." get dizi[2]  picture "@20"
@12,6 say "Surname....." get  dizi[3] picture "@20"
@14,6 say "Arrival date....." get  dizi[4] picture "@8"
@16,6 say "Departure date....." get  dizi[5] picture "@8"
@18,6 say "Agency.." get dizi[6] picture "@20"
@20,6 say "Adult....." get dizi[7]  picture "@2"
@22,6 say "Children....." get  dizi[8] picture "@2"
@24,6 say "hotel or villa....." get dizi[9]   picture "@6"
@26,6 say "Cost....." get dizi[10]  picture "@10"

read
@26,40 say "Are you sure you want to quit? ....(Y/N)...";
        get devam picture "@!1"
read
if devam=upper("Y")
  append blank
  gather from dizi
endif
@28,40 say "Another new entry?....(Y/N)...";
         get devam picture "@1!"
read
enddo
close databases
clear
return
```

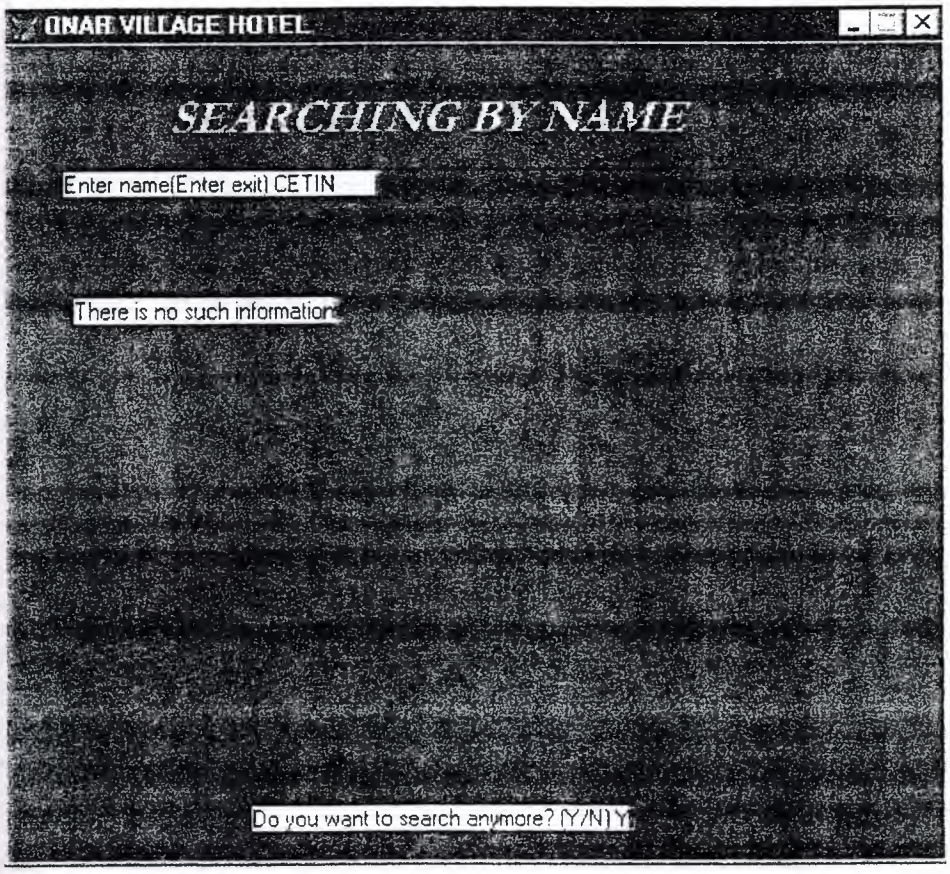
```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
CLOSE ALL
set clock on off
set clock to 31.6,62
if not wexist("sameer3")
define window  sameer3;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color scheme 4
        move window sameer3 center
endif
if wvisible("sameer3")
activate window sameer3 same
else
activate window sameer3 noshow
endif
@1.000,17.200 say "ONAR VILLAGE HOTEL";
    font "garamond",20;
    style"bit";
    color rgb(0,255,0,,,,,)

@4.846,29.800 say "CANCEL RESERVATION";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)

@16.615,7.200 get a;
    picture "@*hn BY NAME";
    size 1.278,30.167,0.667;
```

```
    default 1;
    font "garamond",12;
    style "b";
    valid ov4('byname')


@16.615,52.800 get a;
    picture "@*hn BY ROOM NO";
    size 1.278,30.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov4('byroomno')

@20.624,40.800 get m.ov_back;
    picture "@*hn/< BACK";
    size 1.278,12.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov4('back')
      if not wvisible("sameer3")
   activate window sameer3
   endif


**********************************************


read cycle
procedure ov4
     parameter m.ovreception
do case
case m.ovreception='byname'
    do c:\cname
case m.ovreception='byroomno'
    do c:\crno
```

```
case m.ovreception='back'
    do c:\services

endcase
set sysm to defa
 deactivate window sameer3
 release window sameer3
 set clock off

 return
```

# RESERVATION SEARCH BY NAME

Receptionist can search reservations by name. If he will not found the information about that name , then message will be there and he will have to try again.



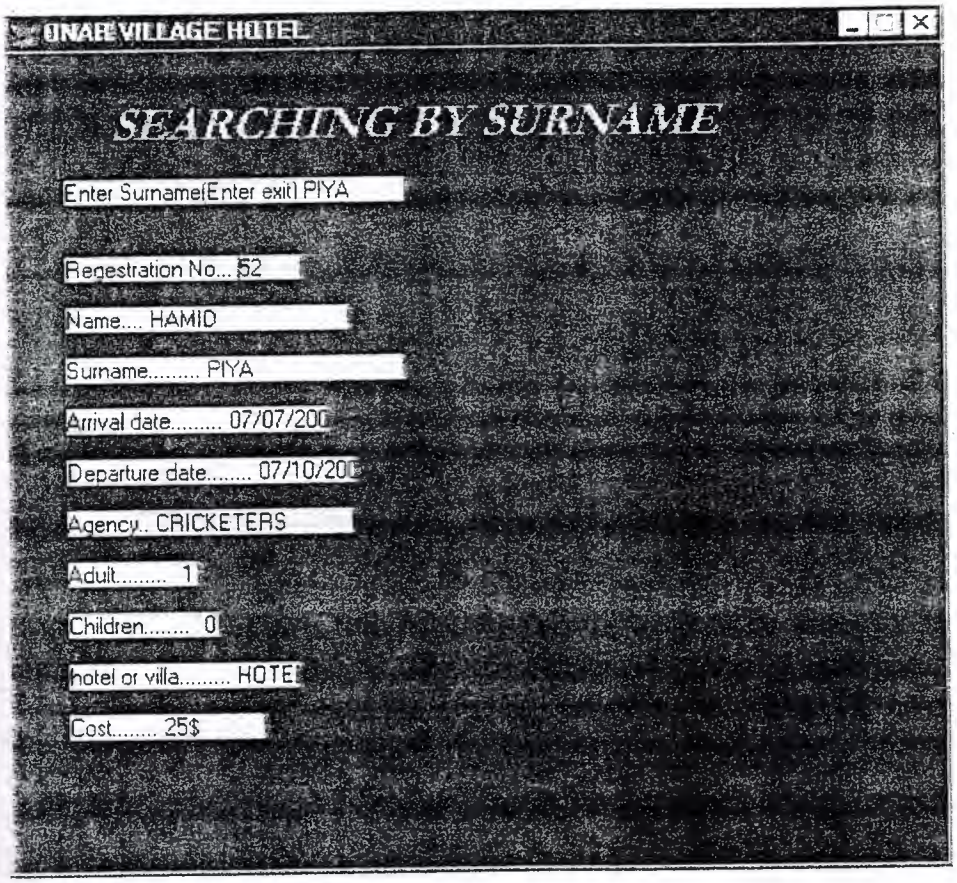
```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
set clock on off
CLOSE ALL

if not wexist("sameerG")
define window  sameerG;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color schem 4
          move window sameerG center
endif
if wvisible("sameerG")
activate window sameerG same
else
activate window sameerG noshow
endif
use c:\reservations
index on fname to fnamex
devam="Y"
do while devam=upper("Y")
clear
@1.846,16.800 say "SEARCHING BY NAME";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)

 fname1=space(10)
```

```
@1,5 to 5,75 double
@5,6 say "Enter name(Enter exit)";
get fname1 picture"@10!"
read
if fname1=space(10)
close databases
clear
return
endif

if seek (fname1)
cevap="N"
@8,6 say "Regestration No..."get reg_no picture"@6"
@10,6 say "Name...." get fname picture "@20"
@12,6 say "Surname....." get  surname picture "@20"
@14,6 say "Arrival date....." get  arrv_date picture "@8"
@16,6 say "Departure date....." get  dept_date picture "@8"
@18,6 say "Agency.." get agency picture "@20"
@20,6 say "Adult....." get adult  picture "@2"
@22,6 say "Children....." get  children picture "@2"
@24,6 say "hotel or villa....." get h_v   picture "@6"
@26,6 say "Cost....." get cost  picture "@10"
read
@20,5 clear to 23,77
@20,5 to 23,77 double
@30,25 say"Do you want to search anymore? (Y/N)";
get devam picture"@1!"
read
if devam="Y"
loop
else
return
endif
else
@10,7 say "There is no such information"
@20,5 clear to 23,77
@20,5 to 23,77 double
@30,25 say"Do you want to search anymore? (Y/N)";
get devam picture"@1!"
```

```
read
if devam="Y"
loop
else

     if not wvisible("sameerG")
  activate window sameerG
  endif
endif
endif
enddo


  ********************************************
read cycle
procedure ov4
     parameter m.ovreception
     do case
     case m.ovreception='back'
    do c:\searching

endcase
set sysm to defa
 deactivate window sameerG
 release window sameerG
 set clock off

 return
```

# RESERVATION SEARCH BY SURNAME

Receptionist can search reservations also by surname. If he will not found the information about that surname, then message will be there and he will have to try again.



```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
set clock on off
CLOSE ALL

if not wexist("sameerH")
define window  sameerH;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color scheme 4
          move window sameerH center
endif
if wvisible("sameerH")
activate window sameerH same
else
activate window sameerH noshow
endif
use c:\reservations
index on surname to surnamex
devam="Y"
do while devam=upper("Y")
clear
@1.846,10.800 say "SEARCHING BY SURNAME";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)
```

```
surname1=space(10)
@1,5 to 5,75 double
@5,6 say "Enter Surname(Enter exit)";
get surname1 picture"@20!"
read
if surname1=space(10)
close databases
clear
return
endif

if seek (surname1)
cevap="N"
@8,6 say "Regestration No..."get reg_no picture"@6"
@10,6 say "Name...." get fname picture "@20"
@12,6 say "Surname....." get  surname picture "@20"
@14,6 say "Arrival date....." get  arrv_date picture "@8"
@16,6 say "Departure date....." get  dept_date picture "@8"
@18,6 say "Agency.." get agency picture "@20"
@20,6 say "Adult....." get adult  picture "@2"
@22,6 say "Children....." get  children picture "@2"
@24,6 say "hotel or villa....." get h_v   picture "@6"
@26,6 say "Cost....." get cost  picture "@10"
read
@20,5 clear to 23,77
@20,5 to 23,77 double
@28,20 say"Do you want to search anymore? (Y/N)";
get devam picture"@1!"
read
if devam="Y"
loop
else
return
endif
else
@10,7 say "There is no such information"
@20,5 clear to 23,77
@20,5 to 23,77 double
@28,20 say"Do you want to search anymore? (Y/N)";
```

```
get devam picture"@1!"
read
if devam="Y"
loop

     if not wvisible("sameerH")
  activate window sameerH
  endif
endif
endif
enddo

return
```

# RESERVATION LIST

When receptionist will have to give any room or villa, he will check his reserved room list by click reservation list.

| Name | Surname | Arrival Date | Denarture Date | Agency | Adult | Children | Hotel/Villa | Cost |
|---|---|---|---|---|---|---|---|---|
| SAMEE | muhammad | 07/02/02 | 07/10/02 | travel world | 1 | 0 | hotel | 25$ |
| USMAN | sultan | 07/05/02 | 07/10/02 | travel world | 1 | 0 | hotel | 25$ |
| HASEEB | muhammad | 07/02/02 | 07/10/02 | travel world | 1 | 0 | villa | 25$ |
| | cricketer | 07/02/02 | 07/10/02 | 10 | 1 | 0 | hotel | 35$ |
| | | / / | / / | | 0 | 0 | hotel | 35 |
| | | / / | / / | | 0 | 0 | hotel | 0 |
| SAMAD | iftiqar | 07/16/02 | 07/20/02 | cricketers | 1 | 0 | hotel | 25$ |
| 8 | hamid | 07/10/02 | 07/15/02 | noble | 1 | 0 | hotel | 25$ |
| | | / / | / / | | 0 | 0 | | 0 |
| OZGUN | CEGIR | 07/02/02 | 07/07/02 | TRAVEL | 1 | 0 | HOTEL | 25$ |
| ABDUL | QAYYUM | 07/07/02 | 07/08/02 | TRAVEL | 1 | 0 | HOTEL | 26$ |
| | | / / | / / | | 0 | 0 | | 0 |
| AHMED | ABDULAZIZ | 07/02/02 | 07/09/02 | TRAVEL | 1 | 0 | HOTEL | 25$ |
| | | / / | / / | | 0 | 0 | | |
| | | / / | / / | | 0 | 0 | | |
| HAMID | PIYA | 07/07/02 | 07/10/02 | CRICKETERS | 1 | 0 | HOTEL | 25$ |
| | | / / | / / | | 0 | 0 | | |
| SAMEE | MUHAMMAD | 07/07/02 | 07/10/02 | TRAVEL | 1 | 0 | HOTEL | 25$ |

Listing

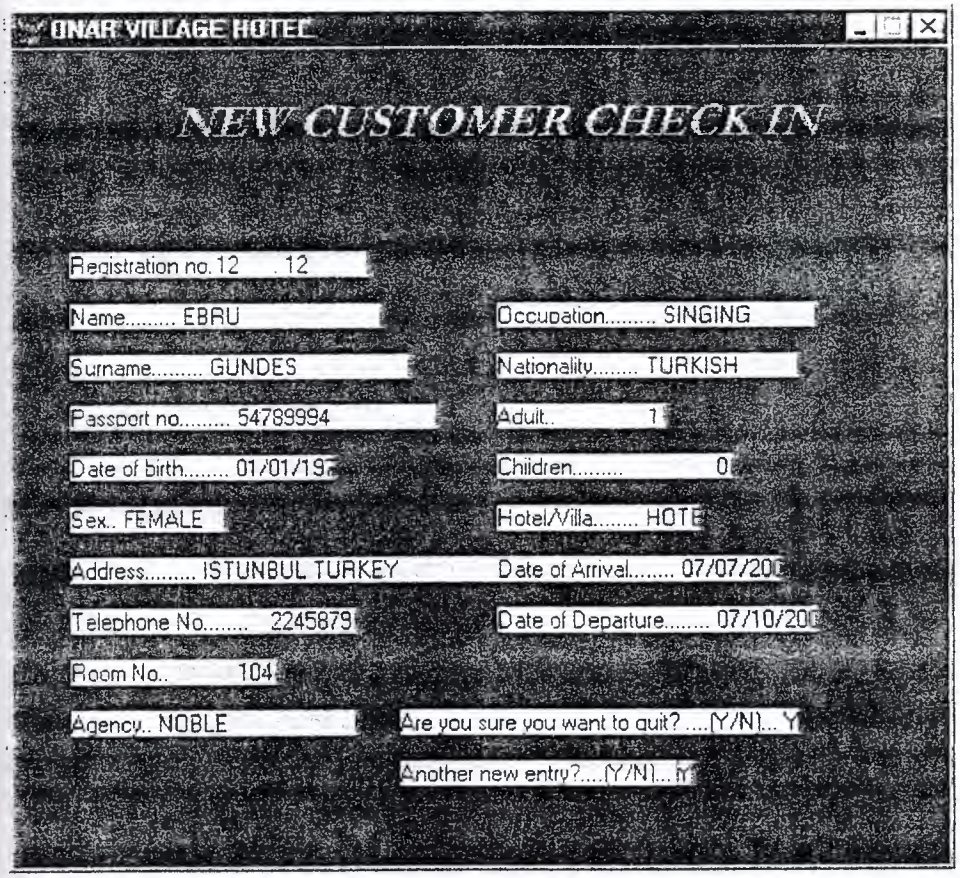
```
End of file-press any key          number of rooms:          18
```

```
set scoreboard off
set talk off
close all
 set sysmenu off
 define window liste from 1,1 to 45,135;
 title "Listing" system
 define window liste1 from 25,5 to 28,85;
 title "Listing" system
 activate window liste
 use c:\reservations
 index on surname to surnamex
 sayi=0

 @1,0  say  " Name"font "arial",10 style "bu"
 @1,8  say  " Surname"font"arial",10 style "bu"
 @1,18 say  " Arrival Date"font"arial",10 style "bu"
 @1,29 say  " Departure Date"font"arial",10 style "bu"
 @1,47 say  " Agency"font"arial",10 style "bu"
 @1,59 say  " Adult"font"arial",10 style "bu"
 @1,70 say  " Children"font"arial",10 style "bu"
 @1,81 say  " Hotel/Villa"font"arial",10 style "bu"
 @1,99 say  " Cost"font"arial",10 style "bu"
satir=3
 do while .not.eof()
 @satir,0  say fname picture "@20"font"arial",9
 @satir,9  say surname picture "@20"font"arial",9
 @satir,20 say arrv_date picture  "@8"font"arial",9
 @satir,31 say dept_date picture "@8"font"arial",9
 @satir,47 say agency picture "@20"font"arial",9
 @satir,61 say adult picture "@2"font"arial",9
 @satir,73 say children picture "@2"font"arial",9
 @satir,83 say h_v picture "@6"font"arial",9
 @satir,97 say cost picture "@10"font"arial",9

 satir=satir+1
 sayi=sayi+1
 if satir=25
```

```
activate window liste2
@1,1say "Press any key [esc-return]"
@1,35 say "Number of contents"
@1,60 say sayi picture "999"
bekle=inkey(0)
if lastkey()=27
return
else
@1,1 clear to 4,70
satir=4
endif
endif
skip
if eof()
activate window liste1
@1,1 say "End of file-press any key"
@1,35 say"number of rooms:"
@1,60 say sayi picture "999"
bekle=inkey(0)
endif
enddo
deactivate window all
return
```

# CHECK IN

When the customer come to the hotel to stay, a reception or front office department do welcome him and give him a check in form to fill. The same entry, he will do also in the program where he will put all necessary information about customer.



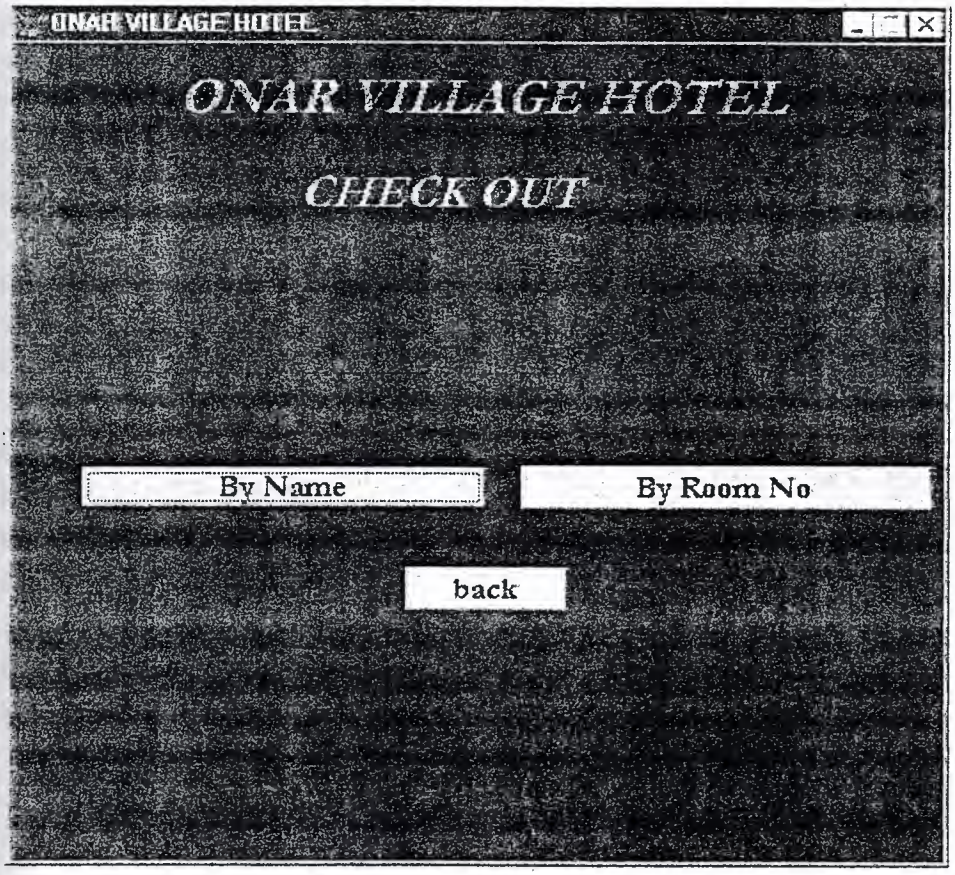
```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
set clock on off
CLOSE ALL

if not wexist("sameerb")
define window  sameerb;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
COLOR SCHEME 4
        move window sameerb center
endif
if wvisible("sameerb")
activate window sameerb same
else
activate window sameerb noshow
endif
use c:\check-in
index on room_no to room_nox
devam="Y"
do while devam=upper("Y")
scatter to dizi blank
clear

@1.846,12.800 say "NEW CUSTOMER CHECK IN ";
   font "garamond",18;
   style"bit";
```

```
   color rgb(0,255,0,,,,,)



@8,6 say "Enter Room no..." get dizi[1] picture "@10"
read
if dizi[1]=space(10)
      close databases
      clear
      return
endif
if seek  (dizi[1])
         DEFINE WIND MSG1 FROM 1,1 TO 5,20 TITLE "MESSAGE"
         DEFINE WIND MSG2 FROM 1,1 TO 8,25 TITLE "ERROR
MESSAGE"
         ACTI WIND MSG1
         MOVE WIND MSG1 CENTER
         WAIT "PLEASE WAIT"
         ACTI WIND MSG2
         MOVE WIND MSG2 CENTER
         WAIT " THIS ROOM IS FULL "
         DEACTI WIND MSG1
         DEACTI WIND MSG2


ELSE
 use
 USE C:\RESERVATIONS
index on room_no to room_nox
IF SEEK (dizi[1])

         DEFINE WIND MSG1 FROM 1,1 TO 5,20 TITLE "MESSAGE"
         DEFINE WIND MSG2 FROM 1,1 TO 8,25 TITLE "ERROR
MESSAGE"
         ACTI WIND MSG1
         MOVE WIND MSG1 CENTER
         WAIT "PLEASE WAIT"
         ACTI WIND MSG2
         MOVE WIND MSG2 CENTER
```

```
WAIT " THIS ROOM IS RESERVED"
        DEACTI WIND MSG1
        DEACTI WIND MSG2
else
@8,6 say "Room No..."
@8,21 say dizi[1] picture "@3"
@10,6 say "Name....." get dizi[2] picture "@20"
@12,6 say "Surname....." get dizi[3] picture "@20"
@14,6 say "Passport no....." get dizi[4] picture "@10"
@16,6 say "Date of birth....." get dizi[5] picture "@8"
@18,6 say "Sex.." get dizi[6]picture "@10"
@20,6 say "Address....." get dizi[7] picture "@30"
@22,6 say "Telephone No....." get dizi[8] picture "@18"
@24,6 say "Room no....." get dizi[1] picture "@3"
@26,6 say "Agency.." get dizi[17] picture "@20"
@10,50 say "Occupation....." get dizi[9] picture "@15"
@12,50 say "Nationality....." get dizi[10] picture "@15"
@14,50 say "Adult.." get dizi[11] picture "@2"
@16,50 say "Children....." get dizi[12] picture "@2"
@18,50 say "Hotel/Villa....." get dizi[13] picture "@5"
@20,50 say "Date of Arrival....." get dizi[14] picture "@8"
@22,50 say "Date of Departure....." get dizi[15] picture "@8"
read
ENDIF
endif
@24,45 SAY "YOU WANT TO QUIT? ....(Y/N)...";
        get devam picture "@!1"
read
if devam=upper("Y")
  append blank
  gather from dizi
endif
@28,40 say "ANOTHER NEW ENTRY?....(Y/N)...";
        get devam picture "@1!"
read
enddo
close databases
clear
return
```

# CHECK OUT

When the customer leaves from the hotel, receptionist must have to do delete his information from the program.



```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
CLOSE ALL
set clock on off
set clock to 31.6,62
if not wexist("sameer8")
define window  sameer8;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color scheme 4
        move window sameer8 center
endif
if wvisible("sameer8")
activate window sameer8 same
else
activate window sameer8 noshow
endif
@1.000,17.200 say "ONAR VILLAGE HOTEL";
   font "garamond",20;
   style"bit";
   color rgb(0,255,0,,,,,)

@4.846,29.800 say "CHECK OUT";
   font "garamond",18;
   style"bit";
   color rgb(0,255,0,,,,,)

@16.615,7.200 get a;
   picture "@*hn By Name";
```

```
   size 1.278,30.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov4('byname')


@16.615,52.800 get a;
   picture "@*hn By Room No";
   size 1.278,30.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov4('byroomno')

@20.624,40.800 get m.ov_back;
   picture "@*hn/< back";
   size 1.278,12.167,0.667;
   default 1;
   font "garamond",12;
   style "b";
   valid ov4('back')
     if not wvisible("sameer8")
  activate window sameer8
  endif


**********************************************


read cycle
procedure ov4
     parameter m.ovreception
do case
case m.ovreception='byname'
    do c:\co_name
case m.ovreception='byroomno'
```

```
do c:\co_rno
case m.ovreception='back'
    do c:\reception

endcase
set sysm to defa
 deactivate window sameer8
 release window sameer8
 set clock off

 return
```

# CHECK OUT BY NAME

It's receptionist choice; whether he deletes customer account by name or by room number.

```
Enter name(Enter exit) HAMID

N
Name        HAMID

                                        Occupation......... STUDENT
Surname......... ECGIR                  Nationality........ TURKISH
Passport no.........              785452 Adult..  1
Date of birth........ 01/09/19          Children.........  0
Sex.. MALE                              Hotel/Villa........ HOTEL
Address......... ISTANBUL TURKEY        Date of Arrival........ 07/01/20
Telephone No.........            2145799 Date of Departure........ 07/08/20
Room No..   0                           Registration no.......... 12
Agency.. TRAVEL

agree

Do you want to delete another one? [Y/N] Y
```

```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
set clock on off

CLOSE ALL

use c:\check-in
index on fname to fnamex
devam="Y"
cevap="Y"
define window delete1 from 1,5 to 6,75;
title "Delating an information" system

define window delete2 from 8,5 to 50,120 double
define window delete3 from 30,10 to 35,60;
system title "agree"

do while devam=upper("Y")
clear

fname1=space(10)
activate window delete1
@2,6 say "Enter name(Enter exit)";
get fname1 picture "@10!"
read
if fname1=space(10)
close databases
deactivate window delete1
return
 endif
seek fname1
if.not.eof()
activate window delete2
```

```
cevap="N"
@2,6 say  "Name      " get fname picture "@10"
@12,6 say  "Surname....." get surname picture "@20"
@14,6 say  "Passport no....." get pass_no picture "@10"
@16,6 say  "Date of birth....." get d_o_birth picture "@8"
@18,6 say  "Sex.." get sex picture "@10"
@20,6 say  "Address....." get addr picture "@30"
@22,6 say  "Telephone No....." get telephone picture "@18"
@24,6 say  "Room No.." get room_no picture "@3"
@26,6 say  "Agency.." get agency picture "@20"
@10,50 say "Occupation....." get occupation picture "@15"
@12,50 say "Nationality....." get nationality picture "@15"
@14,50 say "Adult.." get adult picture "@2"
@16,50 say "Children....." get children picture "@2"
@18,50 say "Hotel/Villa....." get h_v_ picture "@5"
@20,50 say "Date of Arrival....." get arr_date picture "@8"
@22,50 say "Date of Departure....." get dept_date picture "@8"
@24,50 say "Registration no....." get reg_no picture "@1"

 clear gets
activate window delete3
@1,1 clear to 3,50
@2,1 say "Are you sure to delete? (Y/N)";
get cevap picture "@!1"
  read
if cevap=upper("Y")
if.not.deleted()
delete
     endif
    endif
else
@1,1 clear to 3,50
@2,1 say "There is no such file.Do you want to continue? (Y/N)";
get devam picture "@!1"
read
if devam=upper("Y")
hide window delete2
hide window delete3
       loop
```

```
else
        exit
    endif
endif
@1,1 clear to 3,50
@2,1 say "Do you want to delete another one? [Y/N]";
    get devam picture "@1!"
read
enddo
activate window delete3
@1,1 clear to 3,50
@2,1 say "DO you want to remove that file? [Y/N]";
get cevap picture "@1!"
read
    hide window delete2
    hide window delete3
if cevap=upper("Y")
pack
endif
deactivate window all
return
```

# CHECK OUT BY ROOM NUMBER

Enter Room No(Enter exit) 102

N

Name HASAN

| | | | |
|---|---|---|---|
| | | Occupation..... | student |
| Surname..... | ali | Nationality..... | turkish |
| Passport no..... | 2245868 | Adult.. | 1 |
| Date of birth..... | 01/09/19 | Children..... | 0 |
| Sex.. | male | Hotel/Villa..... | hotel |
| Address..... | turkey | Date of Arrival..... | 07/01/20 |
| Telephone No..... | 2286214 | Date of Departure..... | 07/09/20 |
| Room No.. | 102 | Registration no..... | 0 |
| Agency.. | cricketers | | |

agree

DO you want to remove that file? [Y/N] Y

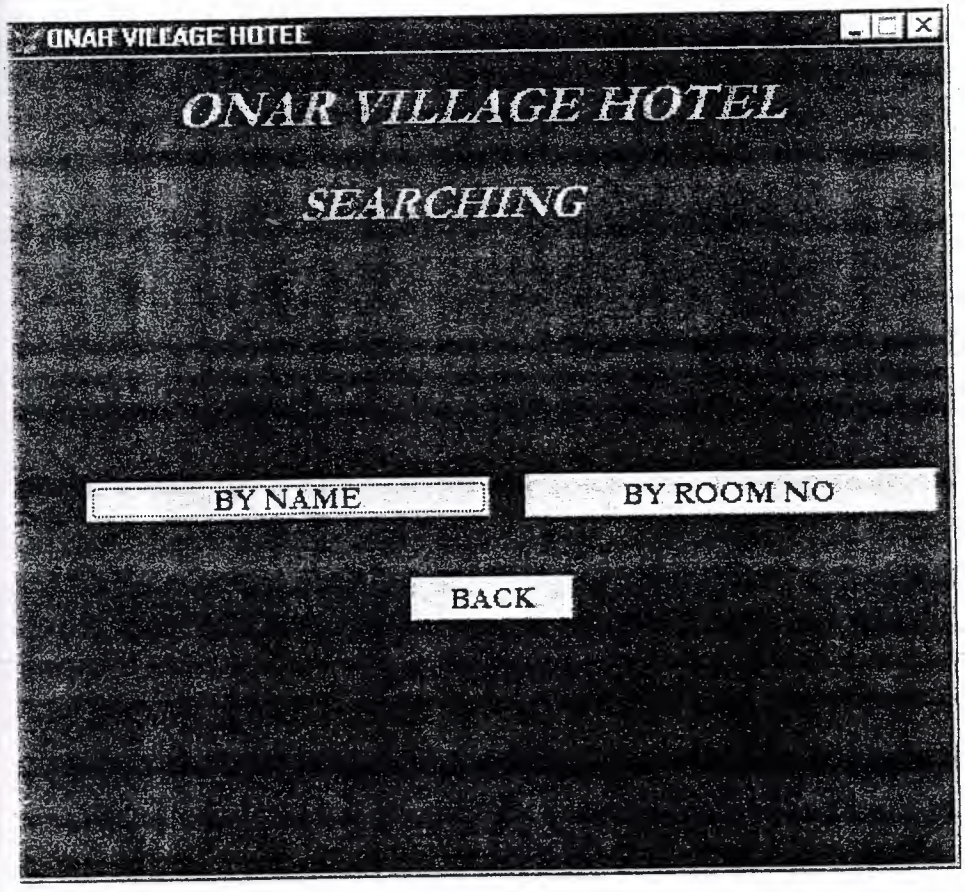
```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
set clock on off

CLOSE ALL

use c:\check-in
index on room_no to room_nox
devam="Y"
cevap="Y"
define window delete1 from 1,5 to 6,75;
title "Check out Room " system
define window delete2 from 8,5 to 50,120 double
define window delete3 from 30,10 to 35,60;
system title "agree"

do while devam=upper("Y")
clear

room_no1=space(10)
activate window delete1
@2,6 say "Enter Room No(Enter exit)";
get room_no1 picture "@10!"
read
if room_no1=space(10)
close databases
deactivate window delete1
return
 endif
seek room_no1
if.not.eof()
```

```
activate window delete2
cevap="N"
@2,6 say   "Name      " get fname picture "@10"
@12,6 say  "Surname....." get surname picture "@20"
@14,6 say  "Passport no....." get pass_no picture "@10"
@16,6 say  "Date of birth....." get d_o_birth picture "@8"
@18,6 say  "Sex.." get sex picture "@10"
@20,6 say  "Address....." get addr picture "@30"
@22,6 say  "Telephone No....." get telephone picture "@18"
@24,6 say  "Room No.." get room_no picture "@3"
@26,6 say  "Agency.." get agency picture "@20"
@10,50 say "Occupation....." get occupation picture "@15"
@12,50 say "Nationality....." get nationality picture "@15"
@14,50 say "Adult.." get adult picture "@2"
@16,50 say "Children....." get children picture "@2"
@18,50 say "Hotel/Villa....." get h_v_ picture "@5"
@20,50 say "Date of Arrival....." get arr_date picture "@8"
@22,50 say "Date of Departure....." get dept_date picture "@8"
@24,50 say "Registration no....." get reg_no picture "@1"

 clear gets
activate window delete3
@1,1 clear to 3,50
@2,1 say "Are you sure to check out? (Y/N)";
get cevap picture "@!1"
  read
if cevap=upper("Y")
if.not.deleted()
delete
     endif
   endif
else
@1,1 clear to 3,50
@2,1 say "There is no such file.Do you want to continue? (Y/N)";
get devam picture "@!1"
read
if devam=upper("Y")
hide window delete2
hide window delete3
```

```
 loop
else
        exit
    endif
endif
@1,1 clear to 3,50
@2,1 say "Do you want to do another check out? [Y/N]";
    get devam picture "@1!"
read
enddo
activate window delete3
@1,1 clear to 3,50
@2,1 say "DO you want to remove that file? [Y/N]";
get cevap picture "@1!"
read
    hide window delete2
    hide window delete3
if cevap=upper("Y")
pack
endif
deactivate window all
return
```

# SEARCHING

To search an information or data of a customer, user may use searching from the main menu. It is sometimes very important, when you need information as much as quick.

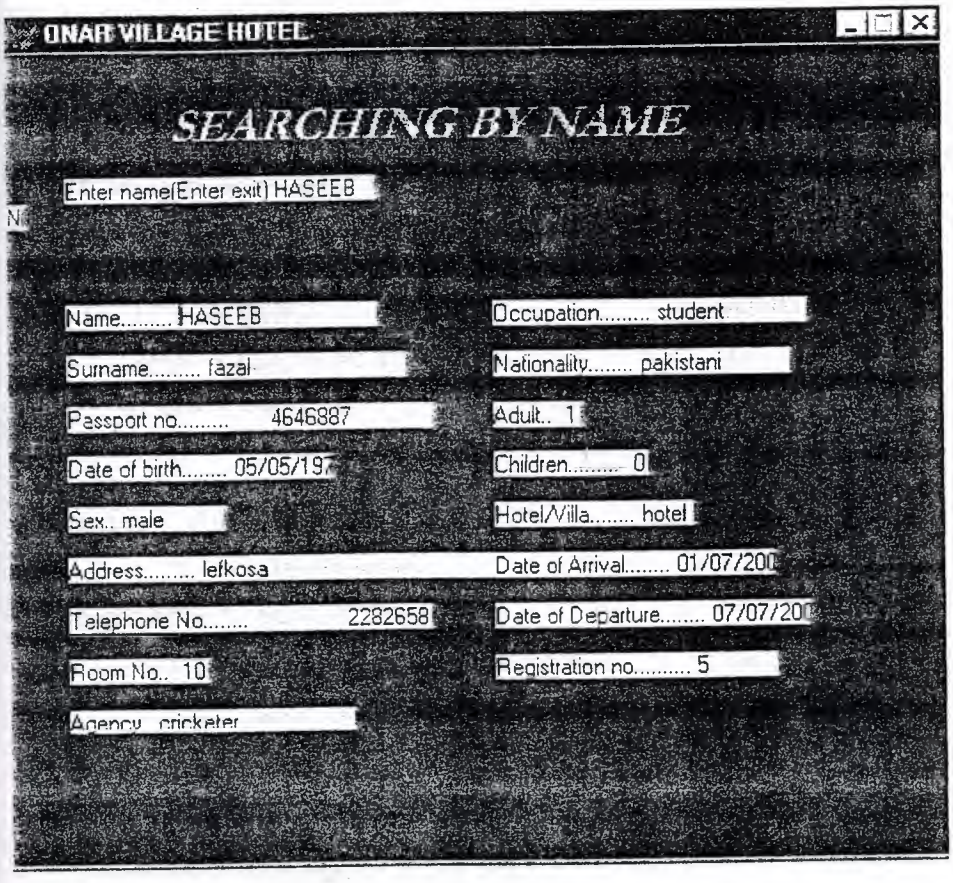


```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on

set clock on off
set clock to 31.6,62
if not wexist("sameer3")
define window  sameer3;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color scheme 4
        move window sameer3 center
endif
if wvisible("sameer3")
activate window sameer3 same
else
activate window sameer3 noshow
endif
@1.000,17.200 say "ONAR VILLAGE HOTEL";
    font "garamond",20;
    style"bit";
    color rgb(0,255,0,,,,,)

@4.846,29.800 say "SEARCHING";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)

@16.615,7.200 get a;
    picture "@*hn BY NAME";
```

```
    size 1.278,30.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov4('byname')


@16.615,52.800 get a;
    picture "@*hn BY ROOM NO";
    size 1.278,30.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov4('byroomno')

@20.624,40.800 get m.ov_back;
    picture "@*hn/< BACK";
    size 1.278,12.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov4('back')
      if not wvisible("sameer3")
   activate window sameer3
   endif


**********************************************


read cycle
procedure ov4
     parameter m.ovreception
do case
case m.ovreception='byname'
    do c:\byname
case m.ovreception='byroomno'
```

```
do c:\byroomno
case m.ovreception='back'
    do c:\onarvillage

endcase
set sysm to defa
 deactivate window sameer3
 release window sameer3
 set clock off

 return
```

# SEARCHING BY NAME



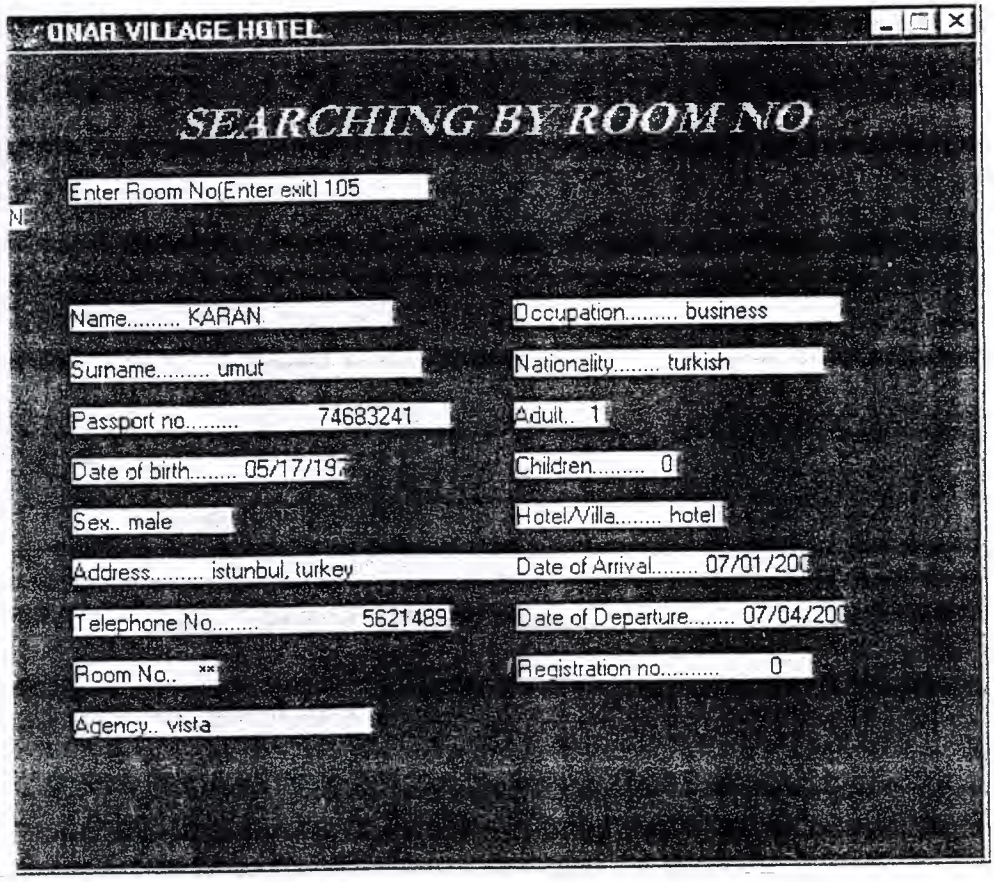
```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
set clock on off
CLOSE ALL

if not wexist("sameer5")
define window  sameer5;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color scheme 4
          move window sameer5 center
endif
if wvisible("sameer5")
activate window sameer5 same
else
activate window sameer5 noshow
endif
use c:\check-in
index on fname to fnamex
devam="Y"
do while devam=upper("Y")
clear
@1.846,16.800 say "SEARCHING BY NAME";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)

 fname1=space(10)
```

```
@1,5 to 5,75 double
@5,6 say "Enter name(Enter exit)";
get fname1 picture"@10!"
read
if fname1=space(10)
close databases
clear
return
endif

if seek (fname1)
        DEFINE WIND MSG1 FROM 1,1 TO 5,40 TITLE "MESSAGE"

        ACTI WIND MSG1
        MOVE WIND MSG1 CENTER
        WAIT "SEARCHING.....PRESS ENTER"

        DEACTI WIND MSG1



cevap="N"
@9,5 to 22,70
@10,6 say "Name....." get fname picture "@20"
@12,6 say "Surname....." get surname picture "@20"
@14,6 say "Passport no....." get pass_no picture "@10"
@16,6 say "Date of birth....." get d_o_birth picture "@8"
@18,6 say "Sex.." get sex picture "@10"
@20,6 say "Address....." get addr picture "@30"
@22,6 say "Telephone No....." get telephone picture "@18"
@24,6 say "Room No.." get room_no picture "@3"
@26,6 say "Agency.." get agency picture "@20"
@10,50 say "Occupation....." get occupation picture "@15"
@12,50 say "Nationality....." get nationality picture "@15"
@14,50 say "Adult.." get adult picture "@2"
@16,50 say "Children....." get children picture "@2"
@18,50 say "Hotel/Villa....." get h_v_ picture "@5"
@20,50 say "Date of Arrival....." get arr_date picture "@8"
@22,50 say "Date of Departure....." get dept_date picture "@8"
```

```
@24,50 say "Registration no....." get reg_no picture "@10"
read
@20,5 clear to 23,77
@20,5 to 23,77 double
@28,20 say"Do you want to search anymore? (Y/N)";
get devam picture"@1!"
read
if devam="Y"
loop
else
return
endif
else
        DEFINE WIND MSG2 FROM 1,1 TO 5,50 TITLE "ERROR"

        ACTI WIND MSG2
        MOVE WIND MSG2 CENTER
        WAIT "THERE IS NO SUCH INFORMATION... PRESS ENTER"

        DEACTI WIND MSG2



@20,5 clear to 23,77
@20,5 to 23,77 double
@28,20 say"Do you want to search anymore? (Y/N)";
get devam picture"@1!"
read
if devam="Y"
loop
else
@28.624,65.800 get m.ov_back;
    picture "@*hn/< back";
    size 1.278,12.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov4('back')
```

```
if not wvisible("sameer5")
  activate window sameer5
  endif
endif
endif
enddo


  ***************************************************
read cycle
procedure ov4
     parameter m.ovreception
     do case
     case m.ovreception='back'
    do c:\searching

endcase
set sysm to defa
 deactivate window sameer5
 release window sameer5
 set clock off

 Return
```

# SEARCHING BY ROOM NUMBER



```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
set clock on off
close all

if not wexist("sameer6")
define window  sameer6;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color scheme 4
        move window sameer6 center
endif
if wvisible("sameer6")
activate window sameer6 same
else
activate window sameer6 noshow
endif
use c:\check-in
index on room_no to room_nox
devam="Y"
do while devam=upper("Y")
clear
@1.846,16.800 say "SEARCHING BY ROOM NO";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)

 room_no1=space(10)
```

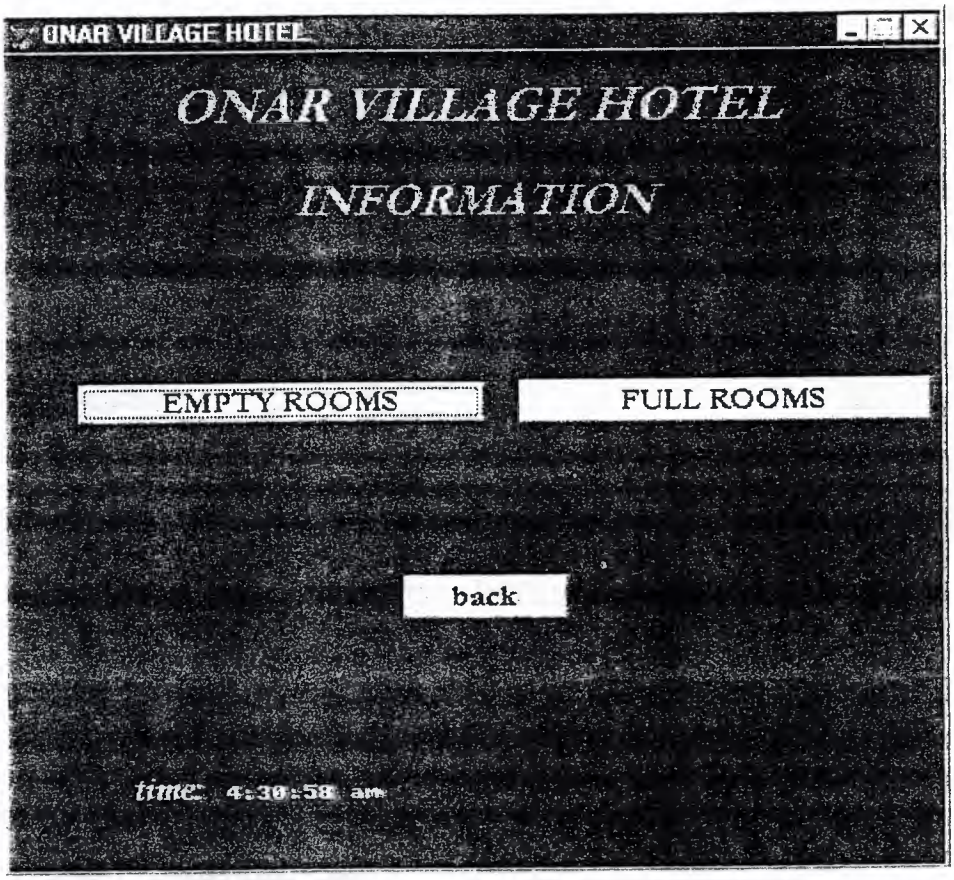
```
@1,5 to 5,75 double
@5,6 say "Enter Room No(Enter exit)";
get room_no1 picture"@3!"
read
if room_no1=space(3)
close databases
clear
return
endif
if seek (room_no1)

        DEFINE WIND MSG1 FROM 1,1 TO 5,40 TITLE "MESSAGE"
        ACTI WIND MSG1
        MOVE WIND MSG1 CENTER
        WAIT "SEARCHING.....PRESS ENTER".

        DEACTI WIND MSG1
cevap="N"
@9,5 to 22,70
@10,6 say "Name....." get fname picture "@20"
@12,6 say "Surname....." get surname picture "@20"
@14,6 say "Passport no....." get pass_no picture "@10"
@16,6 say "Date of birth....." get d_o_birth picture "@8"
@18,6 say "Sex.." get sex picture "@10"
@20,6 say "Address....." get addr picture "@30"
@22,6 say "Telephone No....." get telephone picture "@18"
@24,6 say "Room No.." get room_no picture "@3"
@26,6 say "Agency.." get agency picture "@20"
@10,50 say "Occupation....." get occupation picture "@15"
@12,50 say "Nationality....." get nationality picture "@15"
@14,50 say "Adult.." get adult picture "@2"
@16,50 say "Children....." get children picture "@2"
@18,50 say "Hotel/Villa....." get h_v_ picture "@5"
@20,50 say "Date of Arrival....." get arr_date picture "@8"
@22,50 say "Date of Departure....." get dept_date picture "@8"
@24,50 say "Registration no....." get reg_no picture "@10"
read
@20,5 clear to 23,77
@20,5 to 23,77 double
```

```
@28,20 say"Do you want to search anymore? (Y/N)";
get devam picture"@1!"
read
if devam="Y"
loop
else
return
endif
else
          DEFINE WIND MSG2 FROM 1,1 TO 5,50 TITLE "ERROR"
         ACTI WIND MSG2
         MOVE WIND MSG2 CENTER
         WAIT "THERE IS NO SUCH INFORMATION... PRESS ENTER"
         DEACTI WIND MSG2
@20,5 clear to 23,77
@20,5 to 23,77 double
@28,20 say"Do you want to search anymore? (Y/N)";
get devam picture"@1!"
read
if devam="Y"
loop
else
@28.624,65.800 get m.ov_back;
    picture "@*hn/< back";
    size 1.278,12.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov4('back')
     if not wvisible("sameer6")
  activate window sameer6
  endif
endif
endif
enddo
 ************************************************
read cycle
procedure ov4
    parameter m.ovreception
```

```
do case
     case m.ovreception='back'
    do c:\searching

endcase
set sysm to defa
 deactivate window sameer6
 release window sameer6
 set clock off

 return
```

# INFORMATION

Here, the information menu tells you about empty rooms and full rooms.



```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
close all
set clock on off
set clock to 31.6,62
if not wexist("sameer9")
define window  sameer9;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color scheme 4
        move window sameer9 center
endif
if wvisible("sameer9")
activate window sameer9 same
else
activate window sameer9 noshow
endif
@1.000,17.200 say "ONAR VILLAGE HOTEL";
   font "garamond",20;
   style"bit";
   color rgb(0,255,0,,,,,)

@4.846,29.800 say "INFORMATION";
   font "garamond",18;
   style"bit";
   color rgb(0,255,0,,,,,)

@12.923,7.200 get A;
```

```
    picture "@*hn EMPTY ROOMS";
    size 1.278,30.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov('empty')

@12.923,52.800 get a;
    picture "@*hn FULL ROOMS";
    size 1.278,30.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov('full')

@20.624,40.800 get m.ov_back;
    picture "@*hn/< back";
    size 1.278,12.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov('back')


@28.150,13.000 say "time:";
    font "book antiqua",12;
    style "bit";
    color rgb(255,255,0,,,,)

   if not wvisible("sameer9")
  activate window sameer9
  endif


**********************************************
```

```
read cycle
procedure ov
     parameter m.ovreception
do case
case m.ovreception='empty'
    do c:\empty
case m.ovreception='full'
    do c:\listmenu
case m.ovreception='back'
    do c:\onarvillage


endcase
set sysm to defa
deactivate window sameer9
release window sameer9
set clock off

return
```

```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
close all


if not wexist("sameery")
define window  sameery;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
color scheme 4
        move window sameery center
endif
if wvisible("sameery")
activate window sameery same
else
activate window sameery noshow
endif

use c:\rooms
index on room_no to room_nox
devam="Y"
do while devam=upper("Y")
clear
@1.846,12.800 say "CHECK ROOMS AVALAIBLITY";
    font "garamond",18;
    style"bit";
    color rgb(255,255,255,,,,,)
```

```
   if not wvisible("sameery")
  activate window sameery
  endif



room_no1=space(10)


@1,5 to 5,75 double
@5,6 say "Enter Room No(Enter exit)";
get room_no1 picture"@3!"
read
if room_no1=space(3)
close databases
clear
return
endif
if seek (room_no1)

cevap="N"

DEFINE WIND MSG FROM 1,1 TO 5,35 TITLE "SEARCHING"

        ACTI WIND MSG
        MOVE WIND MSG CENTER
        WAIT "SEARCHING... PLEASE PRESS ENTER"

        DEACTI WIND MSG


  USE
  use c:\CHECK-IN
  index on room_no to room_nox

  if seek (room_no1)
  cevap="n"
```

```
DEFINE WIND MSG2 FROM 1,1 TO 5,25 TITLE "FULL"

        ACTI WIND MSG2
        MOVE WIND MSG2 CENTER
        WAIT "THIS ROOM IS FULL"

        DEACTI WIND MSG2

ENDIF
ELSE
        DEFINE WIND MSG3 FROM 1,1 TO 5,25 TITLE "EMPTY"

        ACTI WIND MSG3
        MOVE WIND MSG3 CENTER
        WAIT "THIS ROOM IS EMPTY"

        DEACTI WIND MSG3
ENDIF
@20,5 clear to 23,77
@20,5 to 23,77 double
@28,20 say"Do you want to check other rooms availability? (Y/N)";
get devam picture"@1!"
read
if devam="Y"
LOOP
else
RETURN



endif


@20,5 clear to 23,77
@20,5 to 23,77 double
@28,20 say"Do you want to search anymore? (Y/N)";
get devam picture"@1!"
```

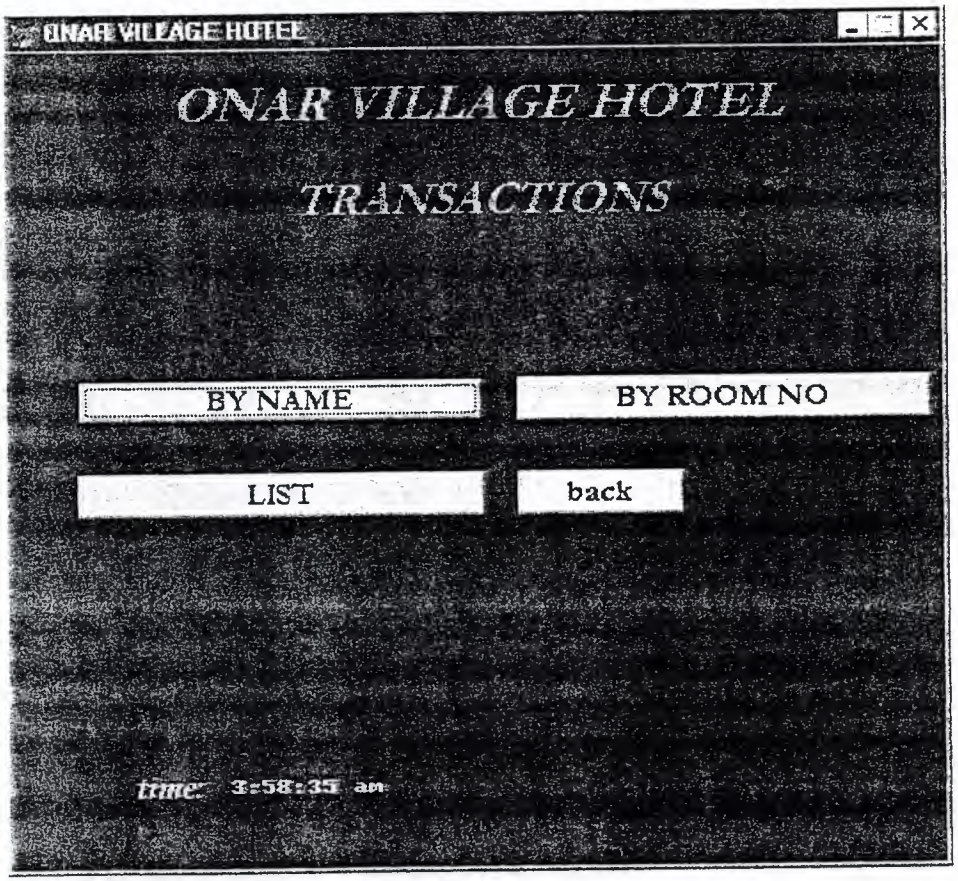
```
read
if devam="Y"
LOOP
else
deactivate window sameery


endif

close databases
clear
enddo

return
```

```
set scoreboard off
set talk off

set sysmenu off
 close all
 define window liste from 1,1 to 45,135;
 title "Listing" system
 define window liste1 from 25,5 to 28,85;
 title "Listing" system
 activate window liste
 use c:\check-in
 index on surname to surnamex

 sayi=0
 @1,0 say  " Name"font "arial",7 style "bu"
 @1,5 say  " Surname"font "arial",7 style "bu"
 @1,12 say " Passport No"font"arial",7 style "bu"
 @1,20 say " Date of birth"font"arial",7 style "bu"
 @1,29 say " Sex"font"arial",7 style "bu"
 @1,33 say " Address"font"arial",7 style "bu"
 @1,42 say " Room No"font"arial",7 style "bu"
 @1,50 say " Agency"font"arial",7 style "bu"
 @1,58 say " Occupation"font"arial",7 style "bu"
 @1,66 say "Nationality"font"arial",7 style "bu"
 @1,74 say "Adult"font"arial",7 style "bu"
 @1,80 say "Children    "  font"arial",7 style "bu"
 @1,88 say "Hotel/Villa     "  font"arial",7 style "bu"
 @1,96 say "Arrival Date     "  font"arial",7 style "bu"
 @1,105 say"Departure Date      "  font"arial",7 style "bu"

 satir=3
 do while .not.eof()
 @satir,0  say fname picture "@20"font"arial",7
 @satir,6  say surname picture "@20"font"arial",7
 @satir,10 say pass_no picture "@10"font"arial",7
 @satir,21 say d_o_birth picture  "@8"font"arial",7
 @satir,29 say sex picture "@10"font"arial",7
 @satir,34 say addr picture "@30"font"arial",7
```

```
@satir,44 say room_no picture "@3"font"arial",7
@satir,51 say agency picture "@20"font"arial",7
@satir,59 say occupation picture  "@15"font"arial",7
@satir,68 say nationality picture "@15"font"arial",7
@satir,75 say adult picture "@2"font"arial",7
@satir,81 say children picture "@2"font"arial",7
@satir,89 say h_v_ picture "@5"font"arial",7
@satir,97 say arr_date picture  "@8"font"arial",7
@satir,106 say dept_date picture "@8"font"arial",7

satir=satir+1
sayi=sayi+1
if satir=25
define wind  list3 from 25,5 to 28,85
acti wind list3
@1,1say "Press any key [esc-return]"
@1,35 say "Number of contents"
@1,60 SAY  sayi picture "999"
bekle=inkey(0)
if lastkey()=27
close all
 return
else
@1,1 clear to 4,70
satir=4
endif
endif
skip
if eof()
activate window liste1
@1,1 say "End of file-press any key"
@1,35 say"number of rooms:"
@1,60 say sayi picture "999"
bekle=inkey(0)
endif
enddo
deactivate window all
close all
return
```

# TRANSACTIONS

Transaction part is very important for hotel. In this program, you may put bills by name or by room no. you have also list to see customers accounts balances.



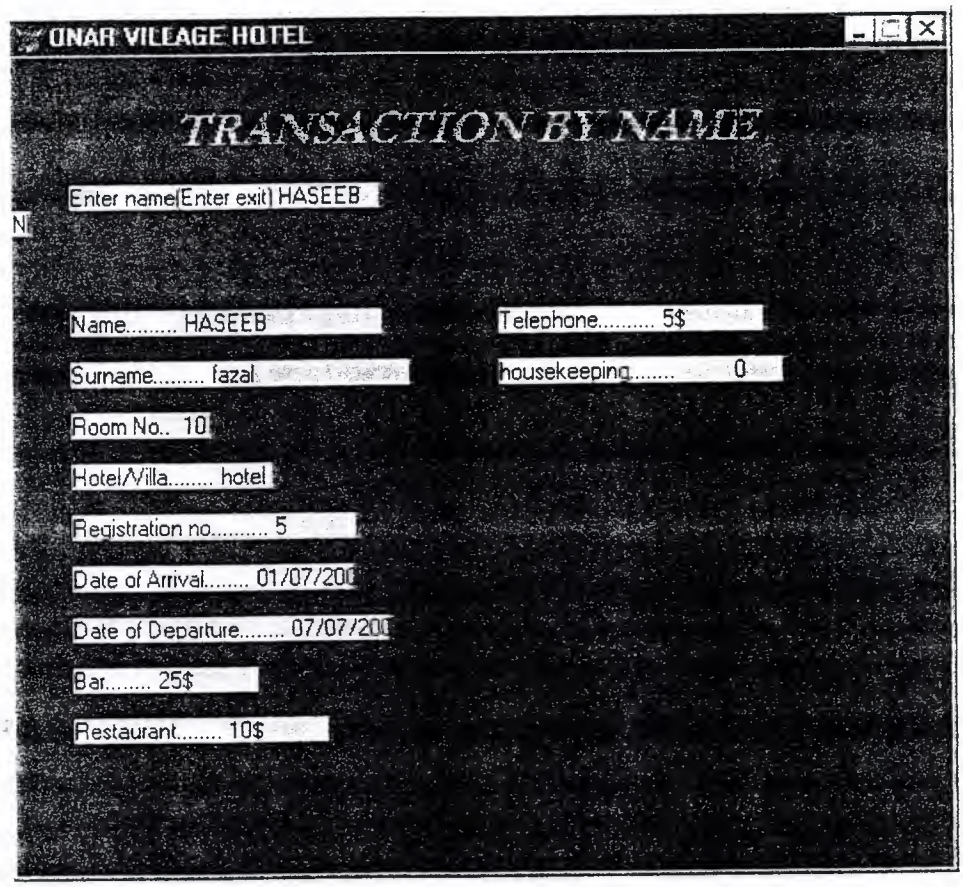
```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
close all
set clock on off
set clock to 31.6,62
if not wexist("sameera")
define window  sameera;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
COLOR SCHEME 4
        move window sameera center
endif
if wvisible("sameera")
activate window sameera same
else
activate window sameera noshow
endif
@1.000,17.200 say "ONAR VILLAGE HOTEL";
    font "garamond",20;
    style"bit";
    color rgb(0,255,0,,,,,)

@4.846,29.800 say "TRANSACTIONS";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)

@12.923,7.200 get A;
    picture "@*hn BY NAME";
```

```
size 1.278,30.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov('byname')

@12.923,52.800 get a;
    picture "@*hn BY ROOM NO";
    size 1.278,30.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov('byroomno')


@16.615,7.200 get a;
    picture "@*hn LIST";
    size 1.278,30.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov('list')



@16.615,52.800 get m.ov_back;
    picture "@*hn/< back";
    size 1.278,12.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov('back')


@28.150,13.000 say "time:";
    font "book antiqua",12;
    style "bit";
    color rgb(255,255,0,,,,)
```

```
 if not wvisible("sameera")
 activate window sameera
 endif


*****************************************

read cycle
procedure ov
     parameter m.ovreception
do case
case m.ovreception='byname'
    do c:\trname
case m.ovreception='byroomno'
    do c:\trroomno
case m.ovreception='list'
    do c:\trlist
case m.ovreception='back'
    do c:\onarvillage

endcase
set sysm to defa
 deactivate window sameera
 release window sameera
 set clock off

 return
```

# TRANSACTIONS BY NAME

The receptionist will write the amounts in the bar, restaurant, telephone or housekeeping.



```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
set clock on off
close all

if not wexist("sameerD")
define window  sameerD;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
COLOR SCHEME 4

          move window sameerD center
endif
if wvisible("sameerD")
activate window sameerD same
else
activate window sameerD noshow
endif
use c:\check-in
index on fname to fnamex
devam="Y"
do while devam=upper("Y")
clear
@1.846,16.800 say "TRANSACTION BY NAME";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)
```

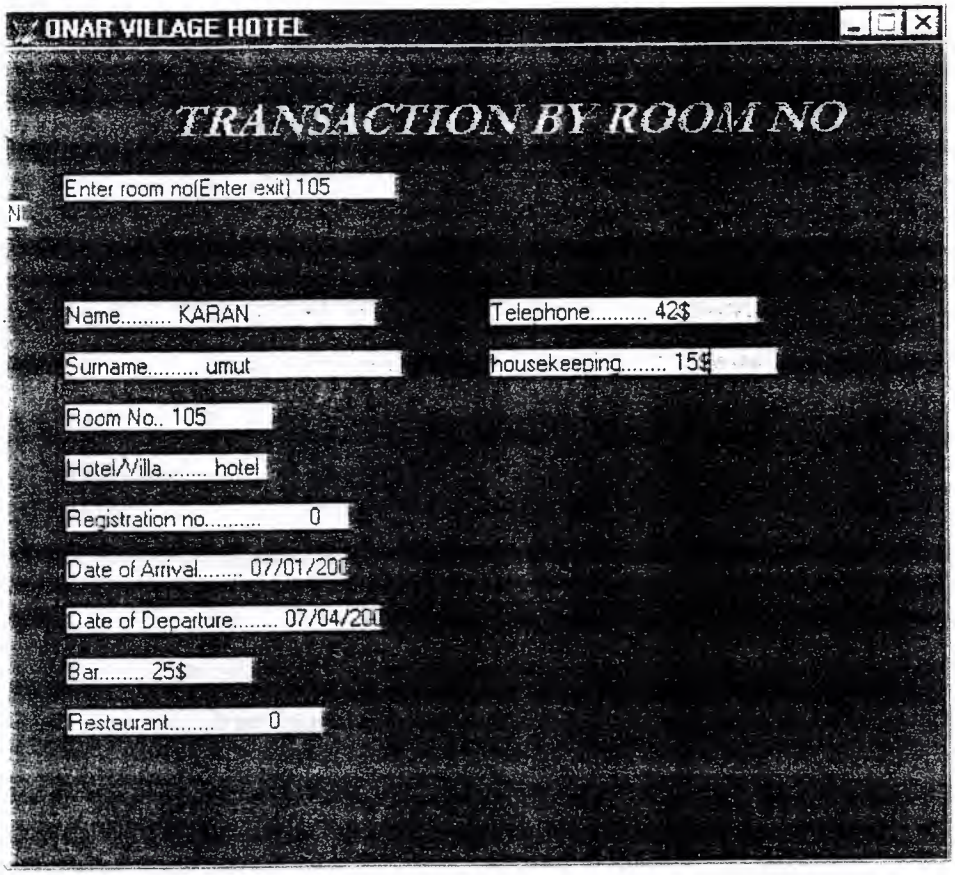
```
fname1=space(10)
@1,5 to 5,75 double
@5,6 say "Enter name(Enter exit)";
get fname1 picture"@10!"
read
if fname1=space(10)
close databases
clear
return
endif

if seek (fname1)

DEFINE WIND MSG1 FROM 6,8 TO 10,45 TITLE "MESSAGE"
ACTI WIND MSG1
MOVE WIND MSG1 CENTER

WAIT "SEARCHING.....PLEASE PRESS ENTER"
DEACTI WIND MSG1


cevap="N"

@9,5 to 22,70
@10,6 say "Name....." get fname picture "@20"
@12,6 say "Surname....." get surname picture "@20"
@14,6 say "Room No.." get room_no picture "@3"
@16,6 say "Hotel/Villa....." get h_v_ picture "@5"
@18,6 say "Registration no....." get reg_no picture "@10"
@20,6 say "Date of Arrival....." get arr_date picture "@8"
@22,6 say "Date of Departure....." get dept_date picture "@8"
@24,6 say "Bar....." get bar picture "@10"
@26,6 say "Restaurant....." get restaurant picture "@10"
@10,50 say "Telephone....." get tel picture "@10"
@12,50 say "housekeeping....." get hkeeping picture "@10"


read
@20,5 clear to 23,77
```

```
@20,5 to 23,77 double
@28,20 say"Do you have any other transaction? (Y/N)";
get devam picture"@1!"
read
if devam="Y"
loop
else
return
endif
else
DEFINE WIND MSG2 FROM 6,8 TO 10,45 TITLE "ERROR"
ACTI WIND MSG2
MOVE WIND MSG2 CENTER

WAIT "NO INFORMATION... PLEASE PRESS ENTER"
DEACTI WIND MSG2
@20,5 clear to 23,77
@20,5 to 23,77 double
@28,20 say"Do you have any other transaction? (Y/N)";
get devam picture"@1!"
read
if devam="Y"
loop
else
@28.624,65.800 get m.ov_back;
    picture "@*hn/< back";
    size 1.278,12.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov4('back')
     if not wvisible("sameerD")
  activate window sameerD
  endif
endif
endif
enddo
```

```
*****************************************
read cycle
procedure ov4
     parameter m.ovreception
     do case
     case m.ovreception='back'
    do c:\searching

endcase
set sysm to defa
 deactivate window sameerD
 release window sameerD
 set clock off

 return
```

# TRANSACTIONS BY ROOM NO

Here, the receptionist can do transactions by room no.



```
clear
set sysmenu off
set safety off
set status bar off
set sysmenu on
set clock on off
CLOSE ALL

if not wexist("sameere")
define window  sameere;
at 0.000,0.000;
size 32.077,96.000;
title "ONAR VILLAGE HOTEL";
font "MS Sans Serif",8;
float;
close;
minimize;
system;
COLOR SCHEME 4
        move window sameere center
endif
if wvisible("sameere")
activate window sameere same
else
activate window sameere noshow
endif
use c:\check-in
index on room_no to room_nox
devam="Y"
do while devam=upper("Y")
clear
@1.846,12.800 say "TRANSACTION BY ROOM NO";
    font "garamond",18;
    style"bit";
    color rgb(0,255,0,,,,,)

 room_no1=space(10)
```

```
@1,5 to 5,75 double
@5,6 say "Enter room no(Enter exit)";
get room_no1 picture"@10!"
read
if room_no1=space(10)
close databases
clear
return
endif

if seek (room_no1)
DEFINE WIND MSG1 FROM 6,8 TO 10,45 TITLE "MESSAGE"
ACTI WIND MSG1
MOVE WIND MSG1 CENTER

WAIT "SEARCHING.....PLEASE PRESS ENTER"
DEACTI WIND MSG1
cevap="N"
@9,5 to 22,70
@10,6 say "Name....." get fname picture "@20"
@12,6 say "Surname....." get surname picture "@20"
@14,6 say "Room No.." get room_no1 picture "@3"
@16,6 say "Hotel/Villa....." get h_v_ picture "@5"
@18,6 say "Registration no....." get reg_no picture "@10"
@20,6 say "Date of Arrival....." get arr_date picture "@8"
@22,6 say "Date of Departure....." get dept_date picture "@8"
@24,6 say "Bar....." get bar picture "@10"
@26,6 say "Restaurant....." get restaurant picture "@10"
@10,50 say "Telephone....." get tel picture "@10"
@12,50 say "housekeeping....." get hkeeping picture "@10"


read
@20,5 clear to 23,77
@20,5 to 23,77 double
@28,20 say"Do you have any other transaction? (Y/N)";
get devam picture"@1!"
read
if devam="Y"
```

```
loop
else
return
endif
else
DEFINE WIND MSG2 FROM 6,8 TO 10,45 TITLE "ERROR"
ACTI WIND MSG2
MOVE WIND MSG2 CENTER

WAIT "NO INFORMATION... PLEASE PRESS ENTER"
DEACTI WIND MSG2
@20,5 clear to 23,77
@20,5 to 23,77 double
@28,20 say"Do you have any other transaction? (Y/N)";
get devam picture"@1!"
read
if devam="Y"
loop
else
@28.624,65.800 get m.ov_back;
    picture "@*hn/< back";
    size 1.278,12.167,0.667;
    default 1;
    font "garamond",12;
    style "b";
    valid ov4('back')
     if not wvisible("sameere")
  activate window sameere
  endif
endif
endif
enddo
*****************************************
read cycle
procedure ov4
     parameter m.ovreception
     do case
     case m.ovreception='back'
    do c:\searching
```

```
endcase
set sysm to defa
 deactivate window sameere
 release window sameere
 set clock off

 return
```

# TRANSACTION LIST

In the transaction list, you may see all the guests transaction and what they have used during their stay in the hotel.

Listing

| Name | Surname | Room No. | Arrival Date | Departure Date | Bar | Restaurant | Telephone | Housekeeping |
|---|---|---|---|---|---|---|---|---|
| | | 0 | / / | / / | 0 | 0 | 0 | 0 |
| | | 0 | / / | / / | 0 | 0 | 0 | 0 |
| 18 | | 0 | / / | / / | 0 | 0 | 0 | 0 |
| | | 0 | / / | / / | 0 | 0 | 0 | 0 |
| | | 0 | / / | / / | | | | |
| | | 0 | / / | / / | | | | |
| SAMEER | ALKHATIB | 108 | 01/07/02 | 07/09/02 | 0 | 0 | 0 | 0 |
| EBRU | GUNDES | 104 | 07/07/02 | 07/10/02 | | | | |
| SAMAD | MUHAMMAD | 1 | 07/01/02 | 07/07/02 | 15 | 50 | 1245 | 12452 |
| VIJAY | chohan | 104 | 07/01/02 | 07/03/02 | 0 | 0 | 0 | 0 |
| CAO | chunlie | 105 | 07/01/02 | 07/04/02 | 0 | 0 | 0 | 0 |
| HASEEB | fazal | 10 | 01/07/02 | 07/07/02 | 25$ | 10$ | 5$ | 0 |
| SHERY | malone | 10 | 07/01/02 | 07/03/02 | 0 | 0 | 0 | 0 |
| KARAN | umut | 105 | 07/01/02 | 07/04/02 | 25$ | 0 | 42$ | 15$ |

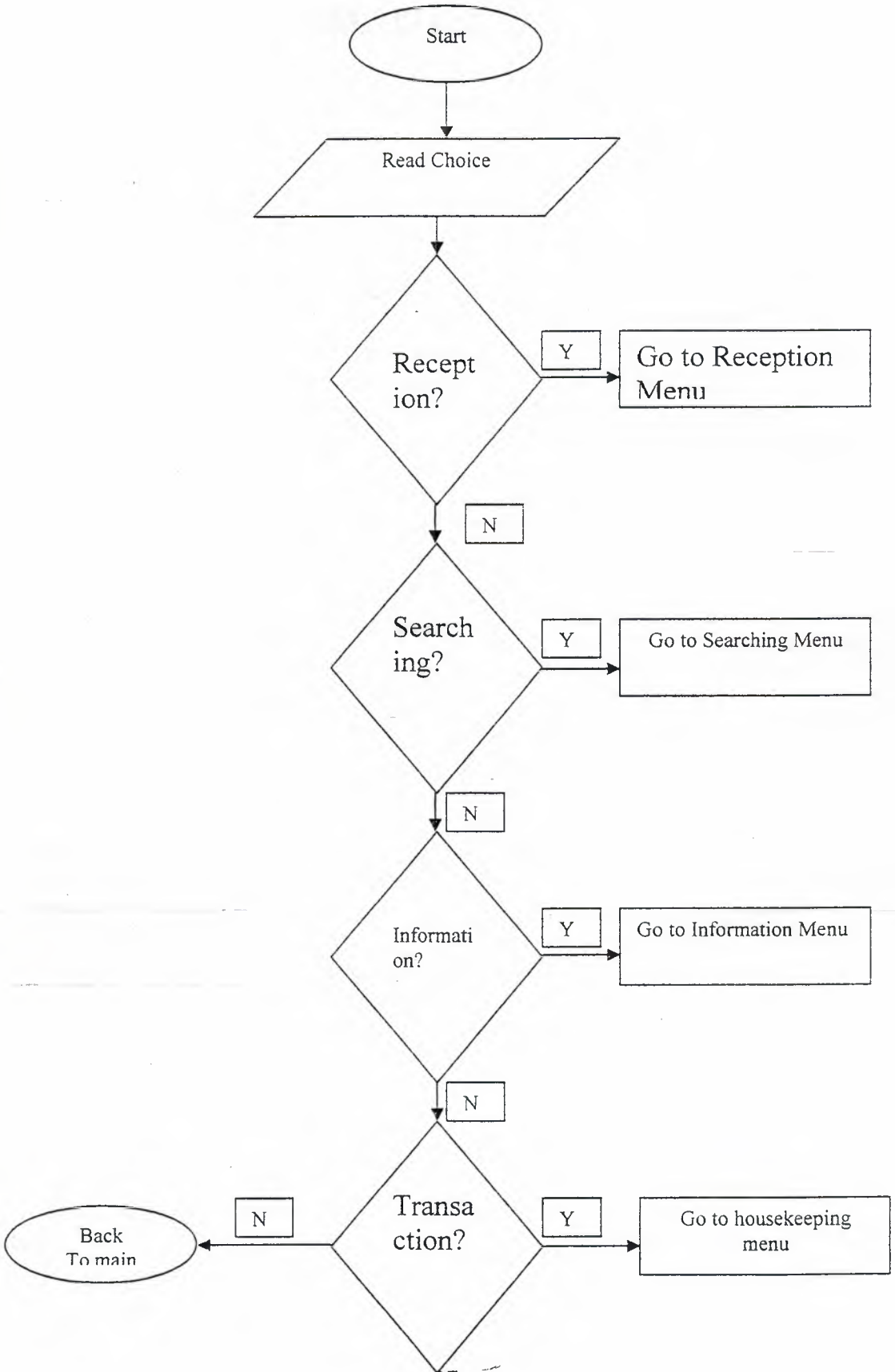
Listing

```
End of file-press any key          number of rooms:          14
```

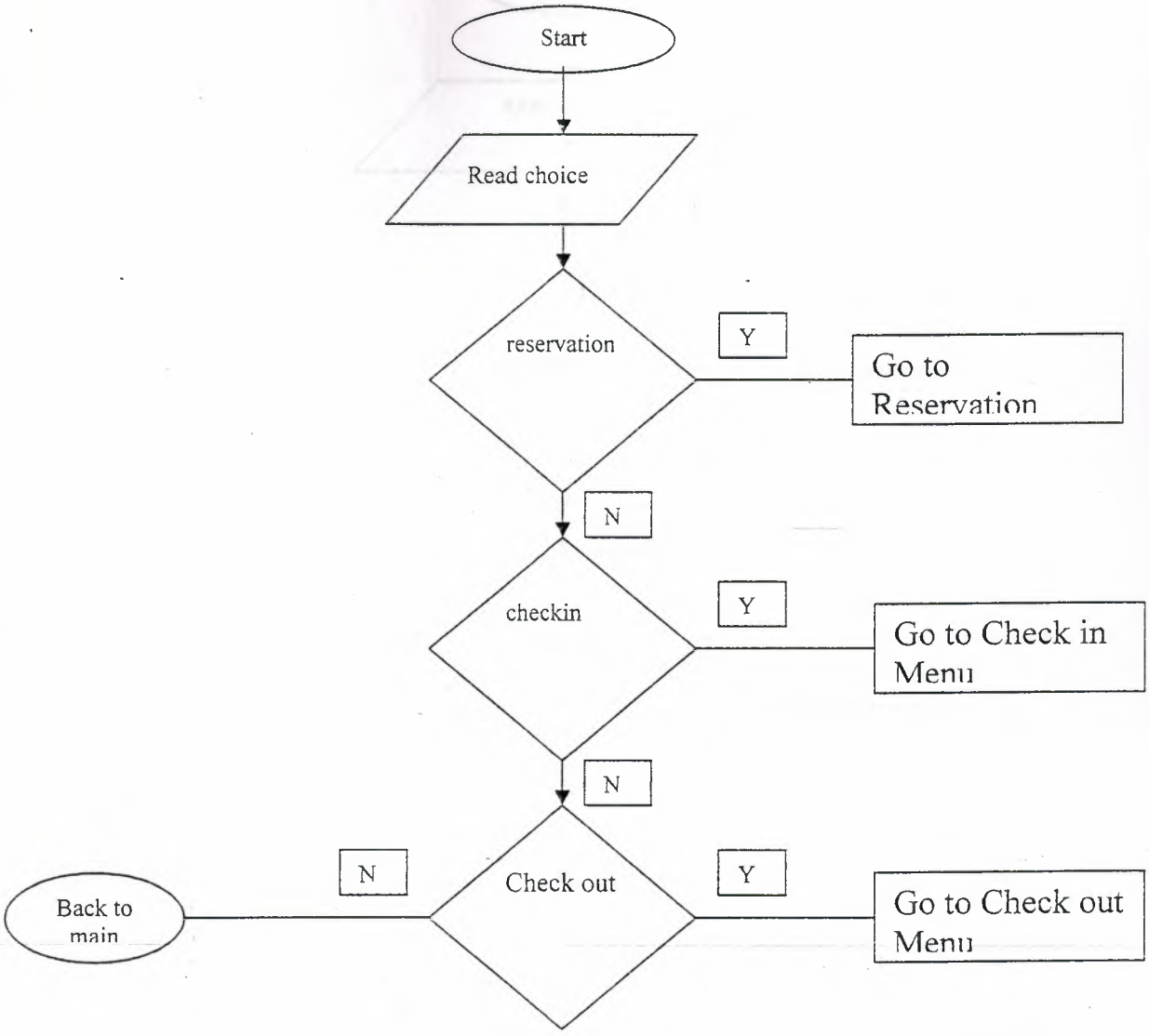
```
set scoreboard off
set talk off

set sysmenu off
 define window liste from 1,1 to 45,135;
 title "Listing" system
 define window liste1 from 25,5 to 28,85;
 title "Listing" system
 activate window liste
 use c:\check-in
 index on surname to surnamex
 sayi=0
 @1,0 say  " Name"font "arial",9style "bu"
 @1,10 say  " Surname"font "arial",9 style "bu"
 @1,20 say " Room No"font"arial",9 style "bu"
 @1,30 say "Arrival Date"  font"arial",9 style "bu"
 @1,40 say"Departure Date"  font"arial",9 style "bu"
 @1,57 say "Bar"  font"arial",9 style "bu"
 @1,65 say"Restaurant"  font"arial",9 style "bu"
 @1,75 say "Telephone"  font"arial",9 style "bu"
 @1,85 say"Housekeeping"  font"arial",9 style "bu"
 satir=3
 do while .not.eof()
 @satir,0  say fname picture "@20"font"arial",9
 @satir,12  say surname picture "@20"font"arial",9
 @satir,22 say room_no picture "@3"font"arial",9
 @satir,32 say arr_date picture  "@8"font"arial",9
 @satir,42 say dept_date picture  "@8"font"arial",9
 @satir,55 say bar picture "@10"font"arial",9
 @satir,67 say restaurant picture  "@10"font"arial",9
 @satir,77 say tel picture "@10"font"arial",9
 @satir,87 say hkeeping picture "@10"font"arial",9
 satir=satir+1
 sayi=sayi+1
 if satir=20
 activate window liste2
```

```
@1,1say "Press any key [esc-return]"
@1,35 say "Number of contents"
@1,60 say sayi picture "999"
bekle=inkey(0)
if lastkey()=27
return
else
@1,1 clear to 4,70
satir=4
endif
endif
skip
if eof()
activate window liste1
@1,1 say "End of file-press any key"
@1,35 say"number of rooms:"
@1,60 say sayi picture "999"
bekle=inkey(0)
endif
enddo
deactivate window all
return
```

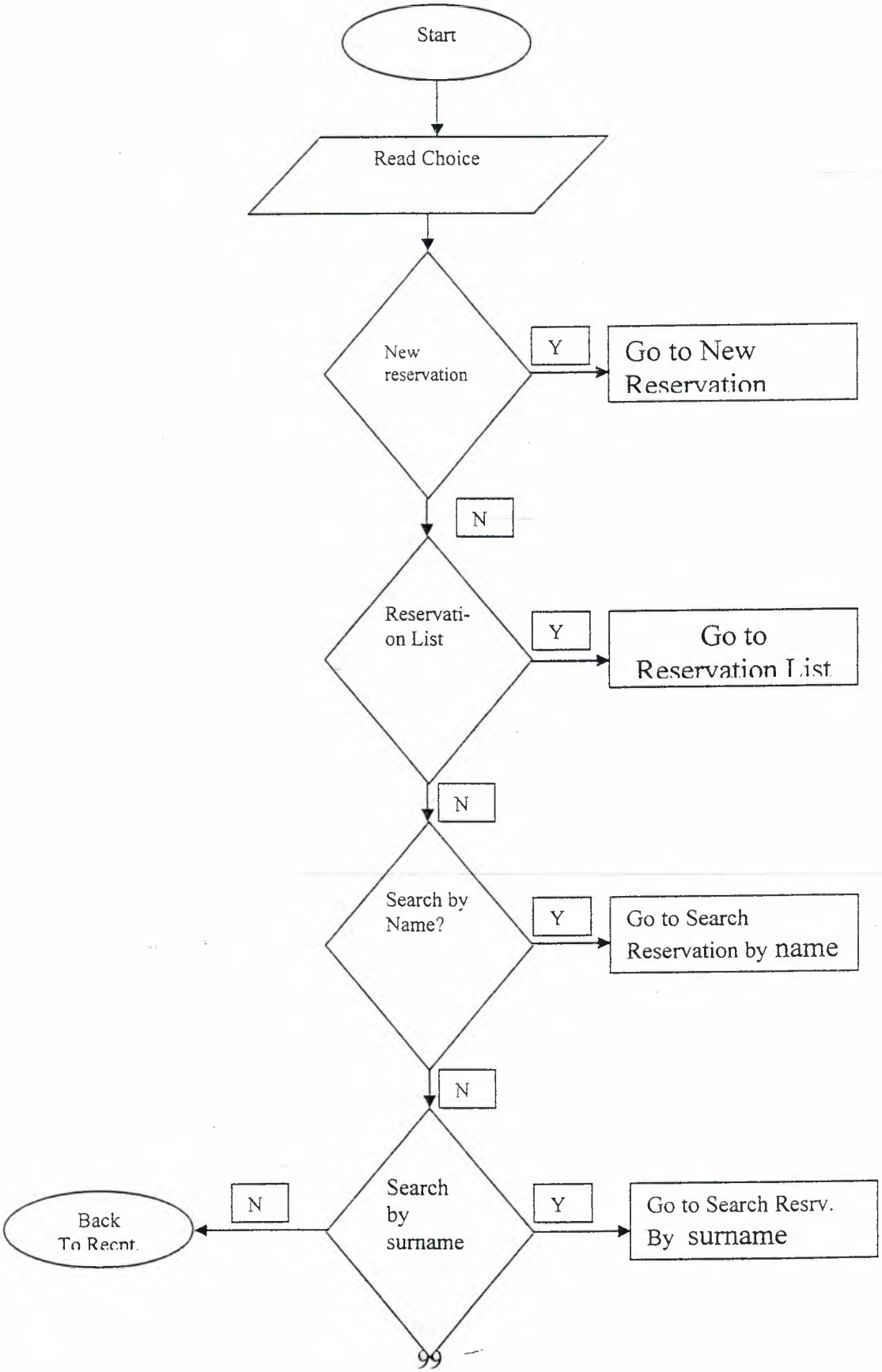
# Main Menu


Start
Read Choice
Recept ion?
Y
Go to Reception Menu
N
Search ing?
Y
Go to Searching Menu
N
Informati on?
Y
Go to Information Menu
N
Transa ction?
Y
Go to housekeeping menu
N
Back To main

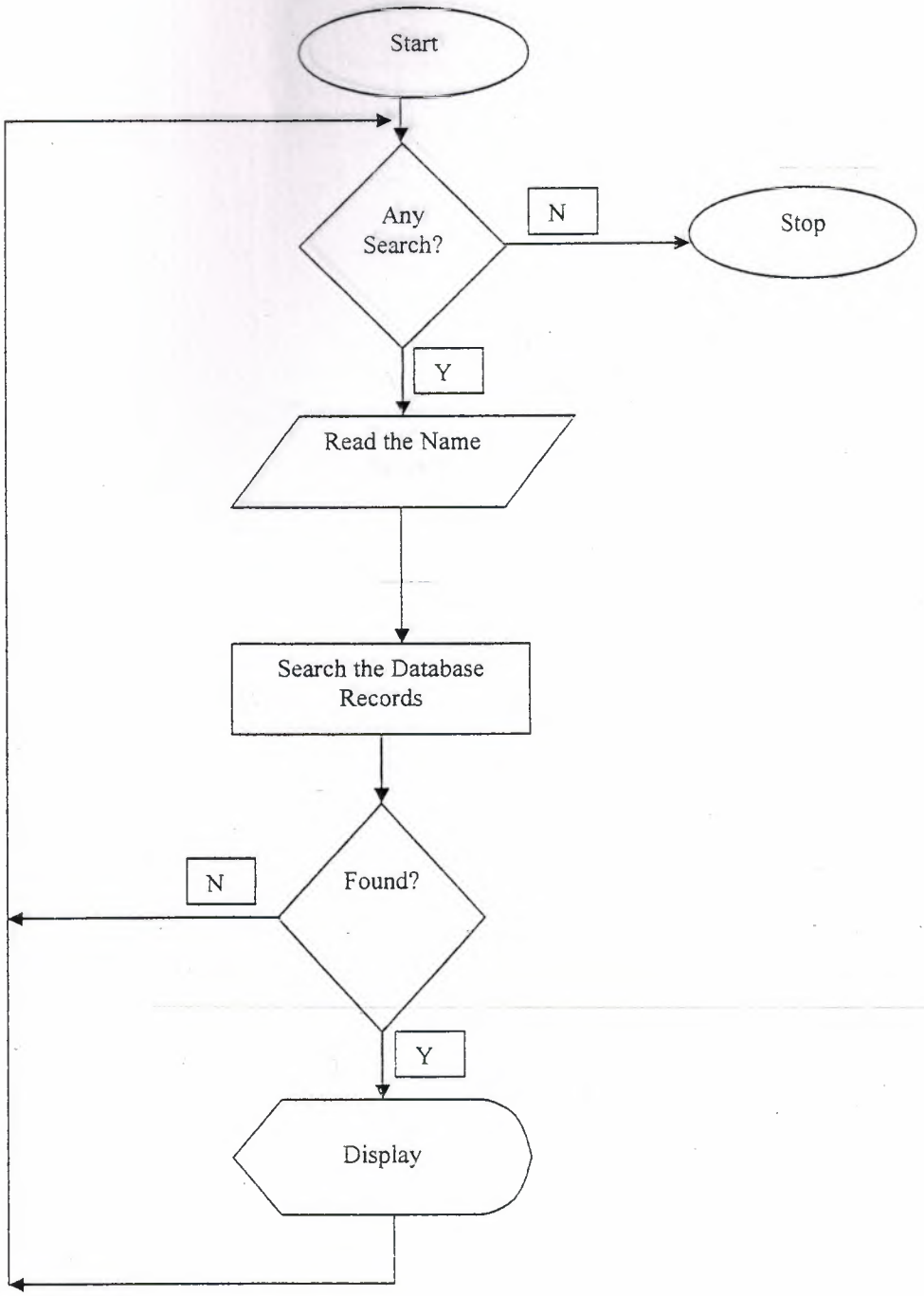
# RECEPTION MENU



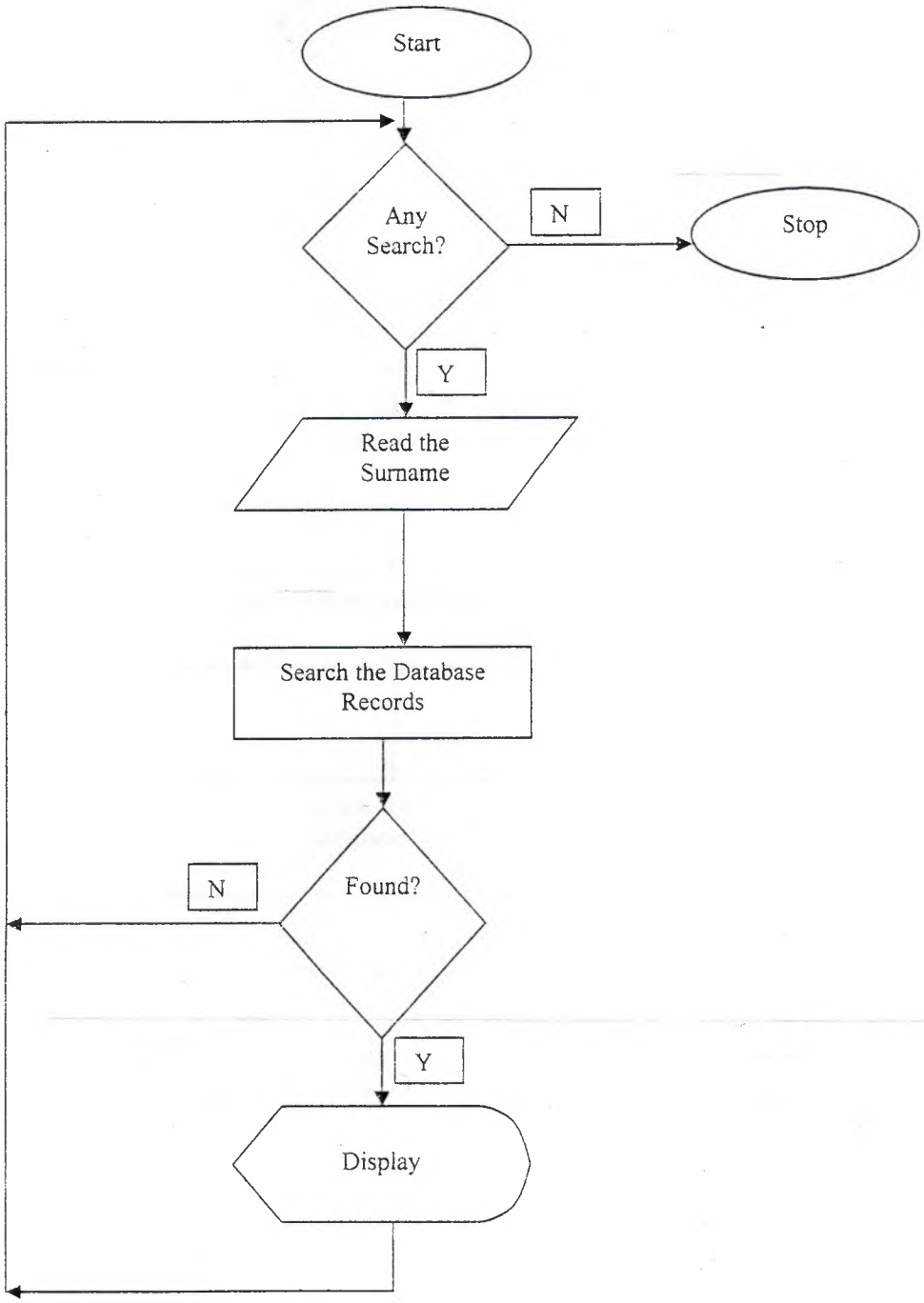
## Reservation Menu



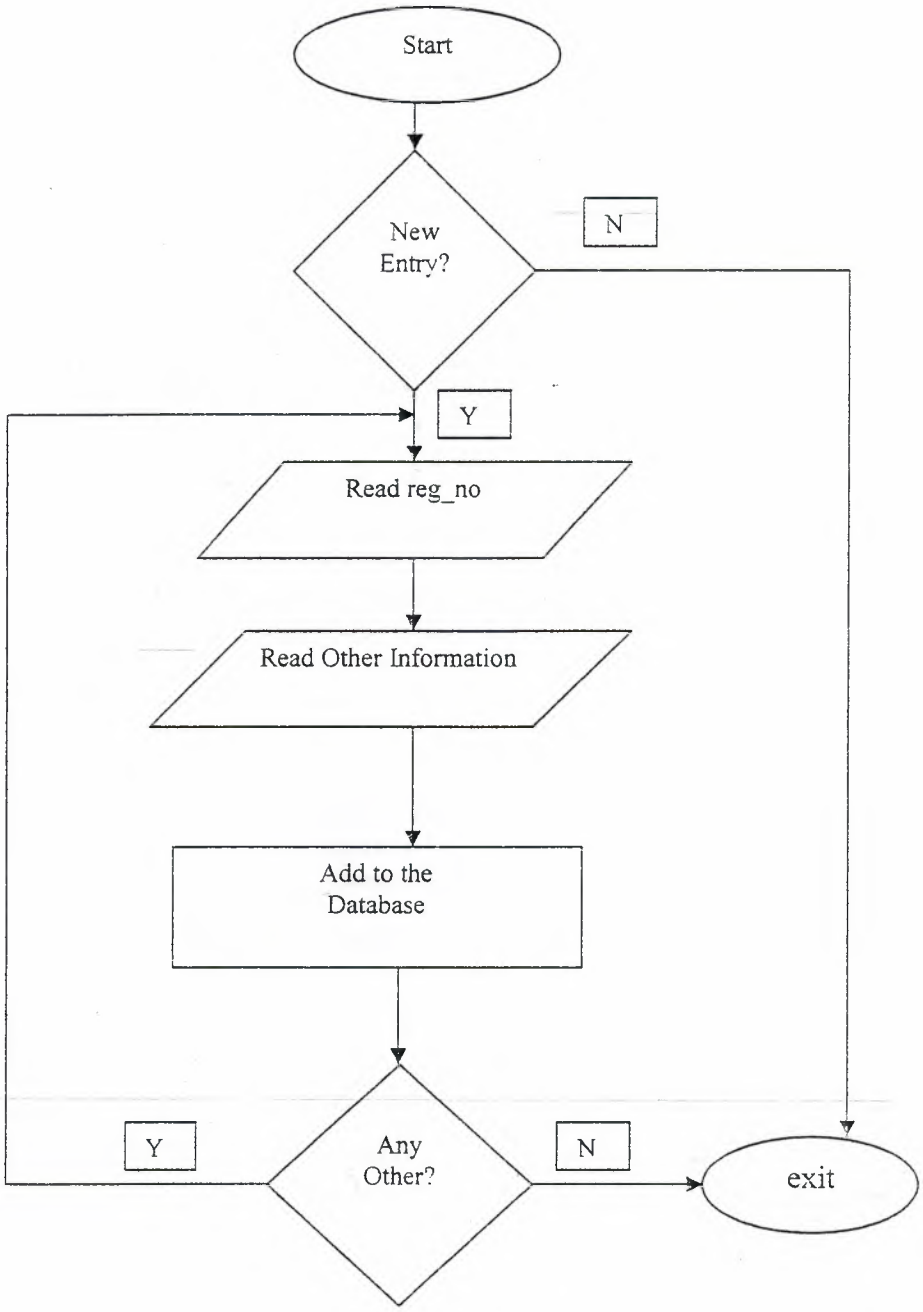
## Searching Reservation (By Name)



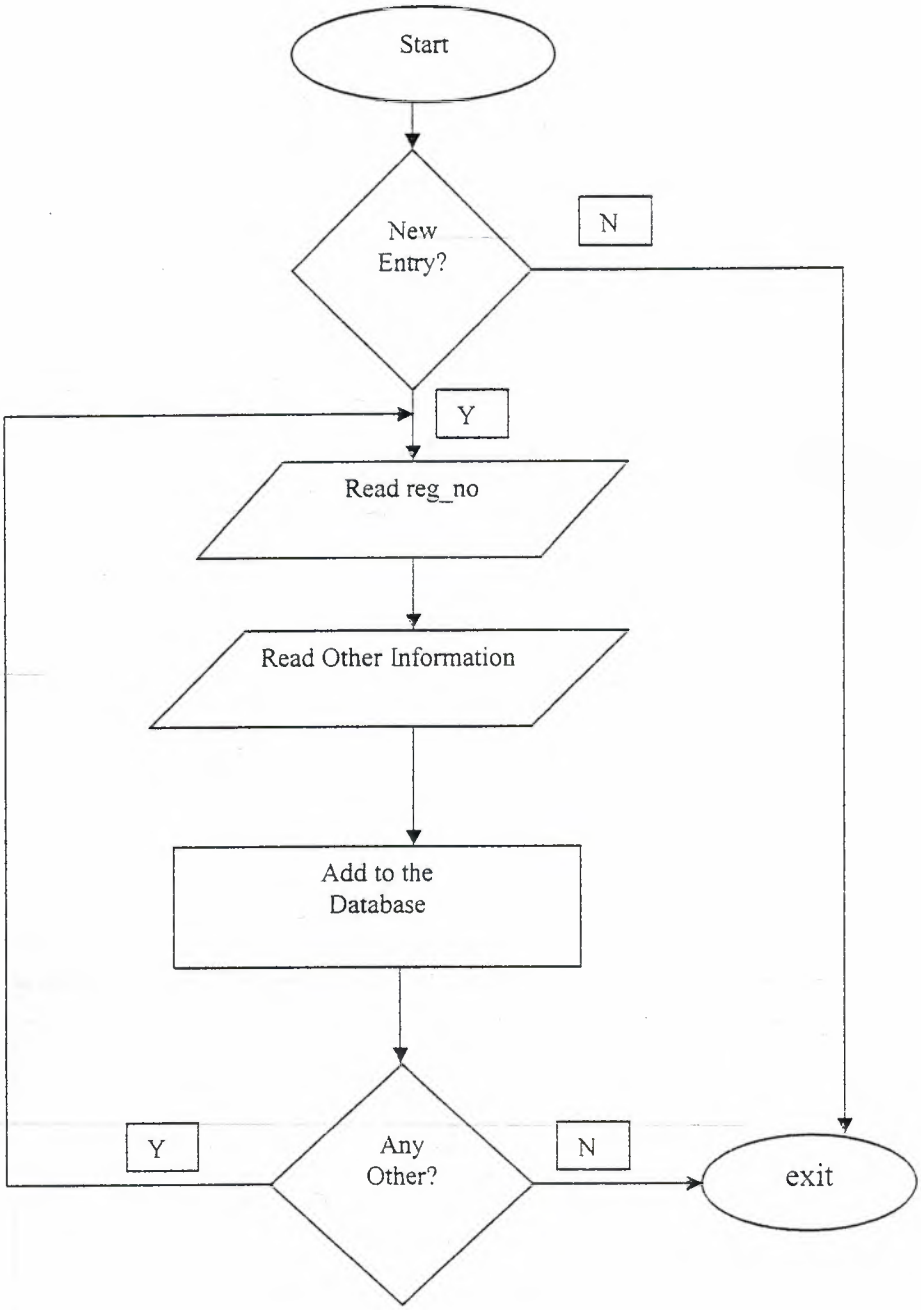
## Searching Reservation (By Surname)



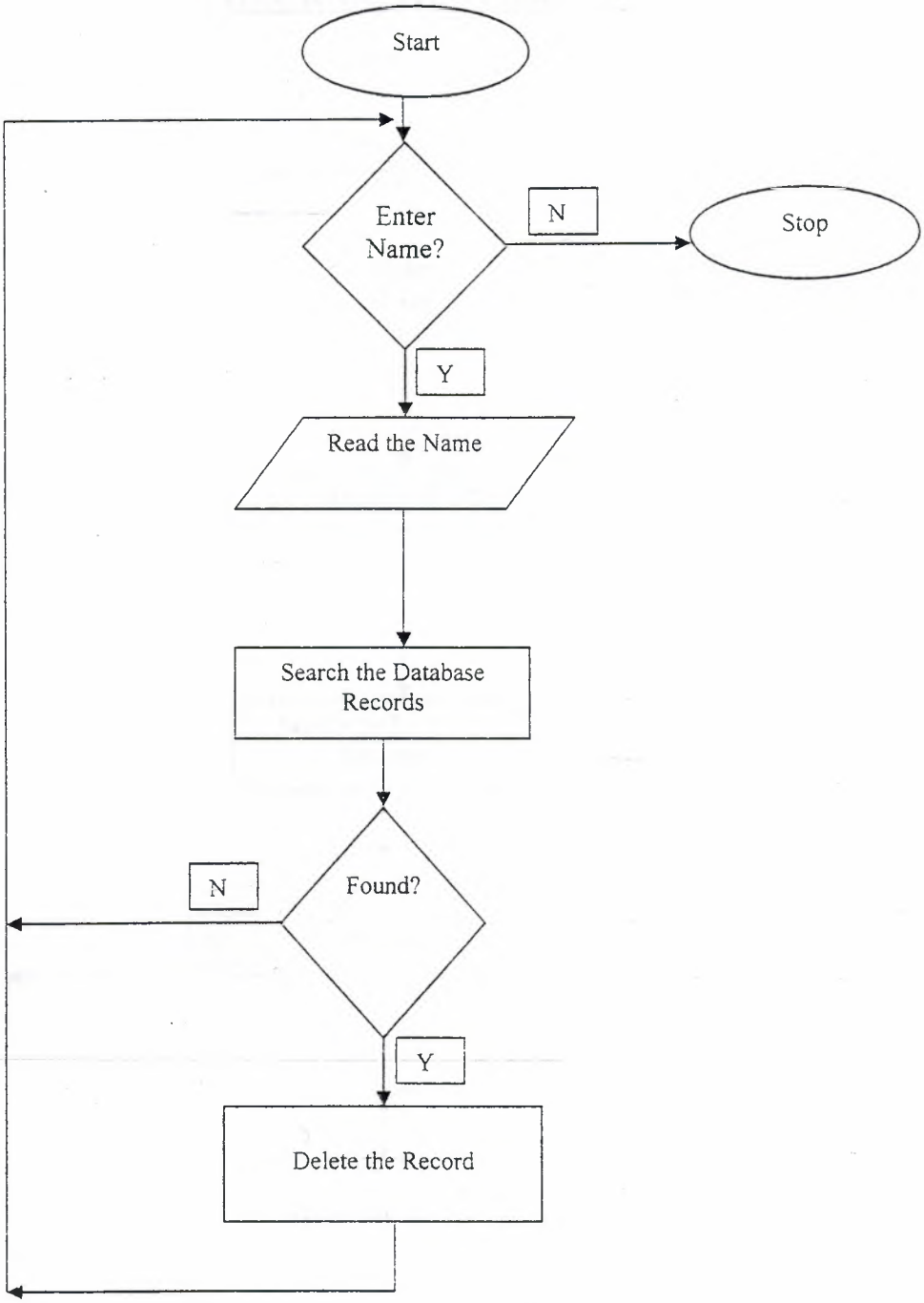
## New Reservation



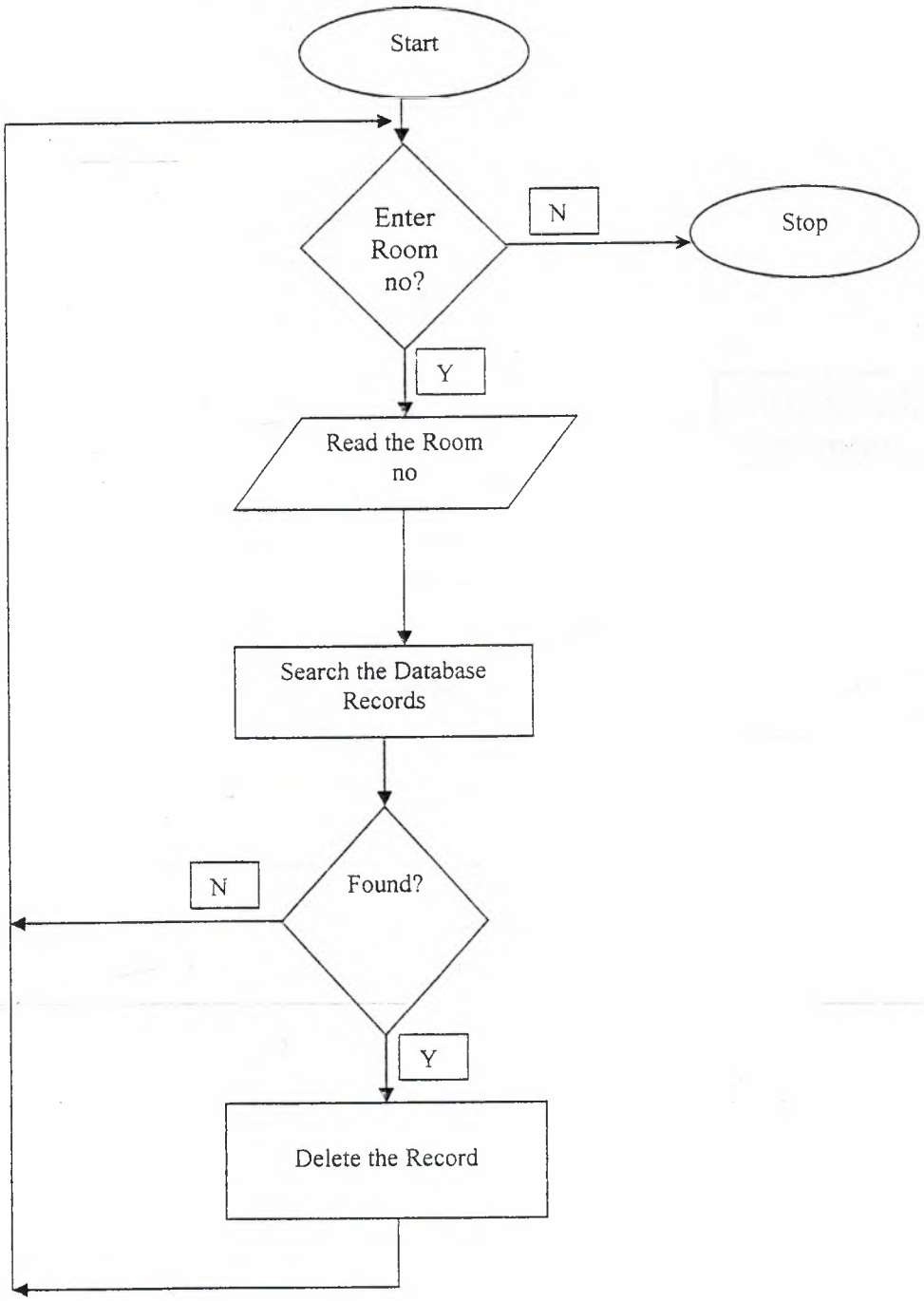
## New Check-in


Start
New Entry?
N
Y
Read reg_no
Read Other Information
Add to the Database
Any Other?
Y
N
exit

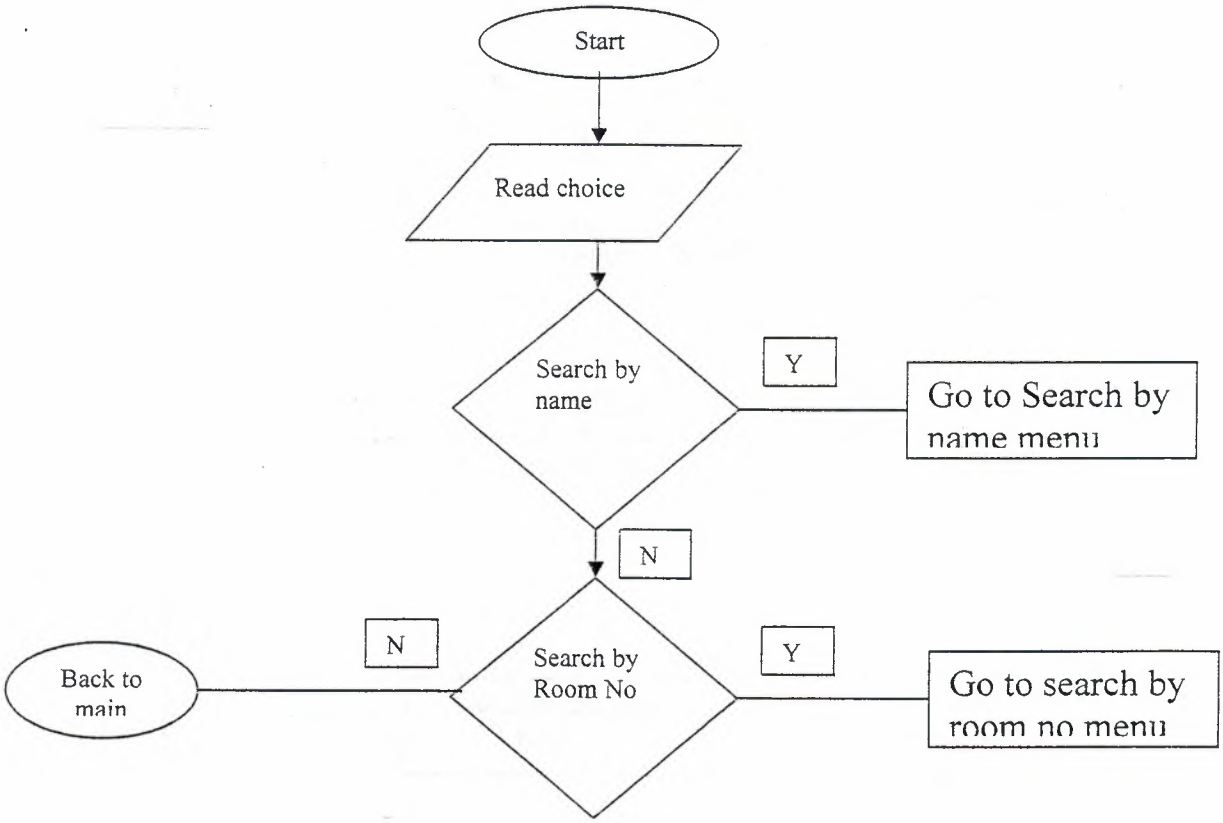
## CHECK OUT(By Name)



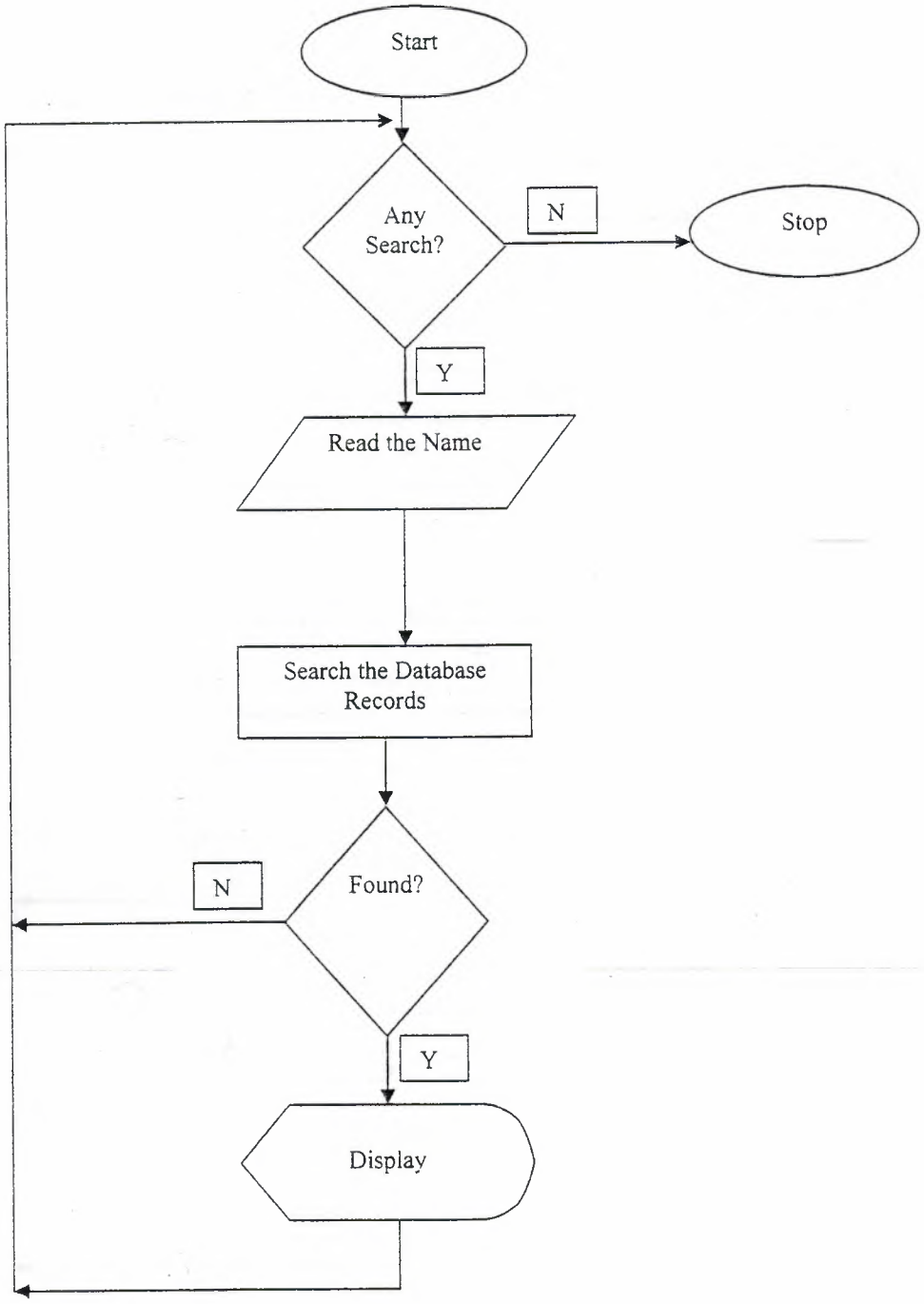
## CHECK OUT(By Room No)



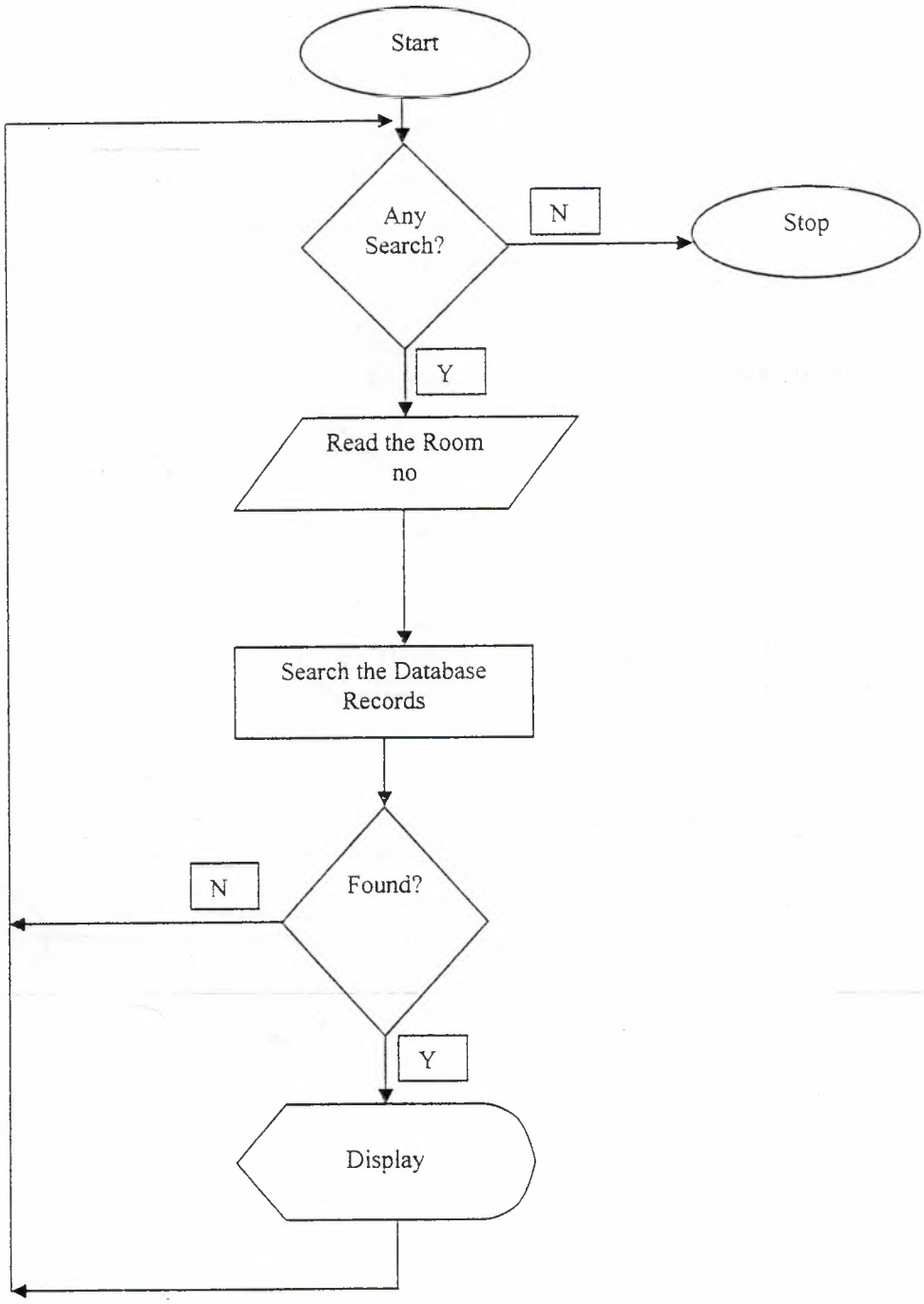
# SEARCHING MENU



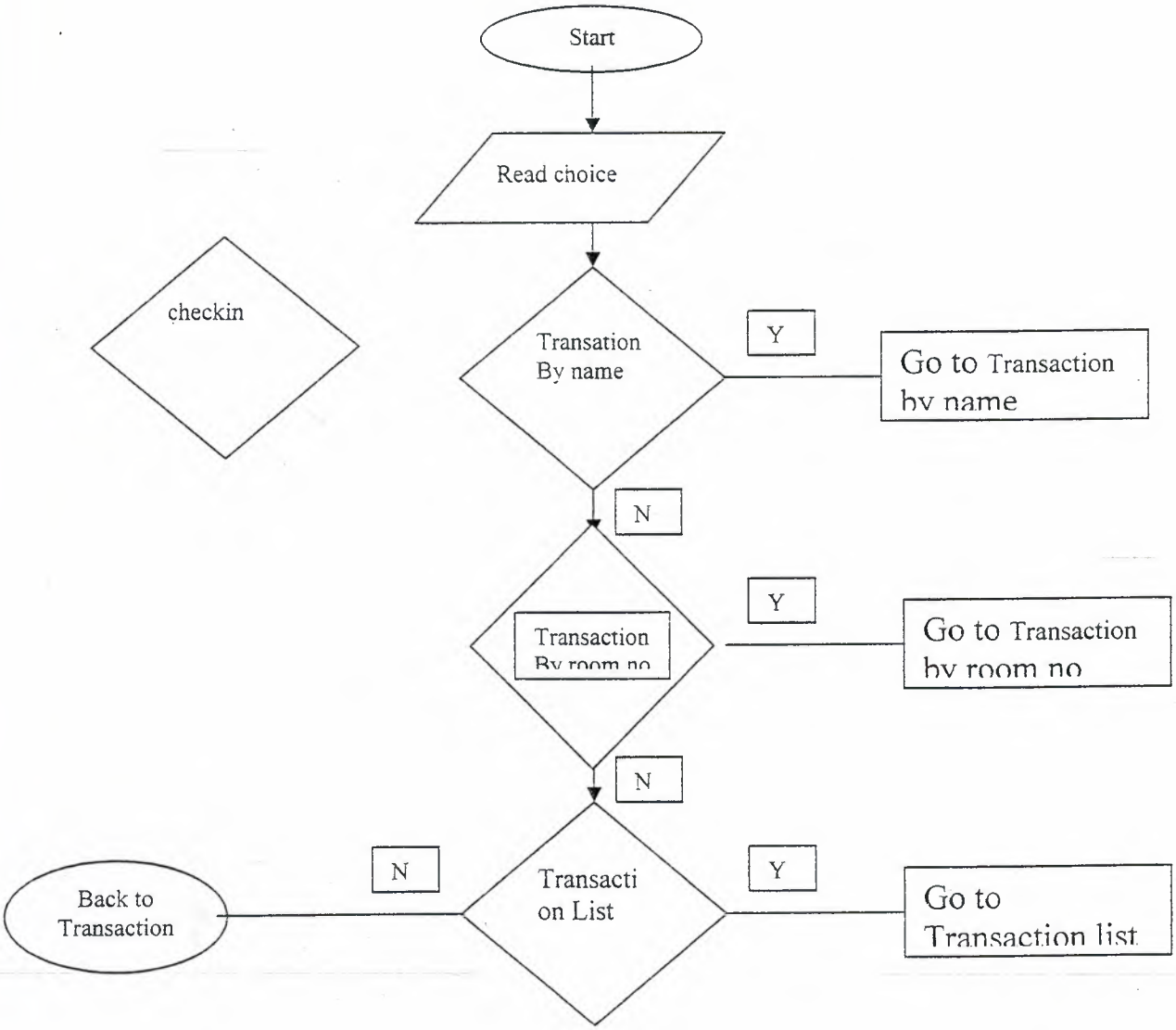
## Searching (By Name)



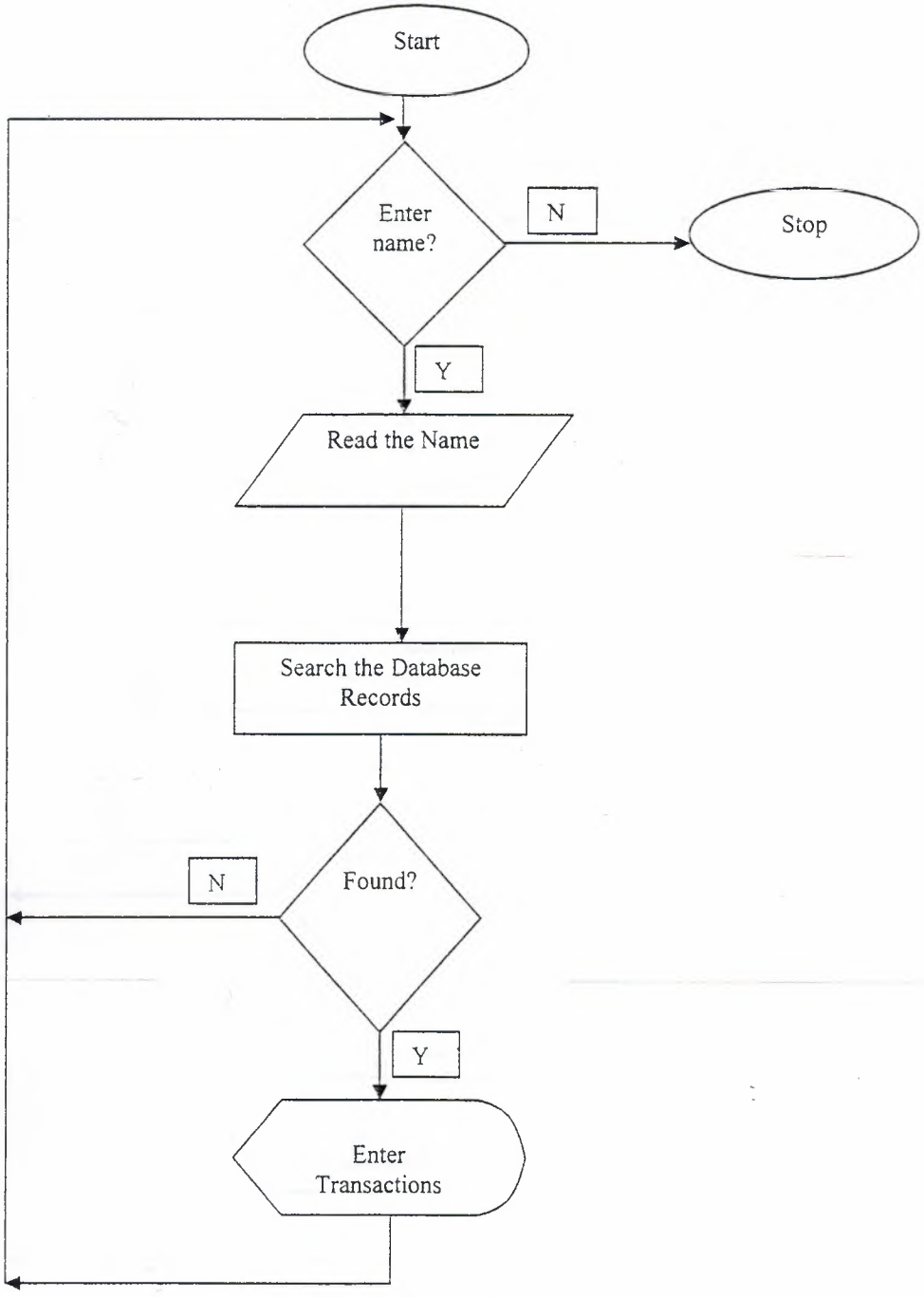
## Searching (By Room no)



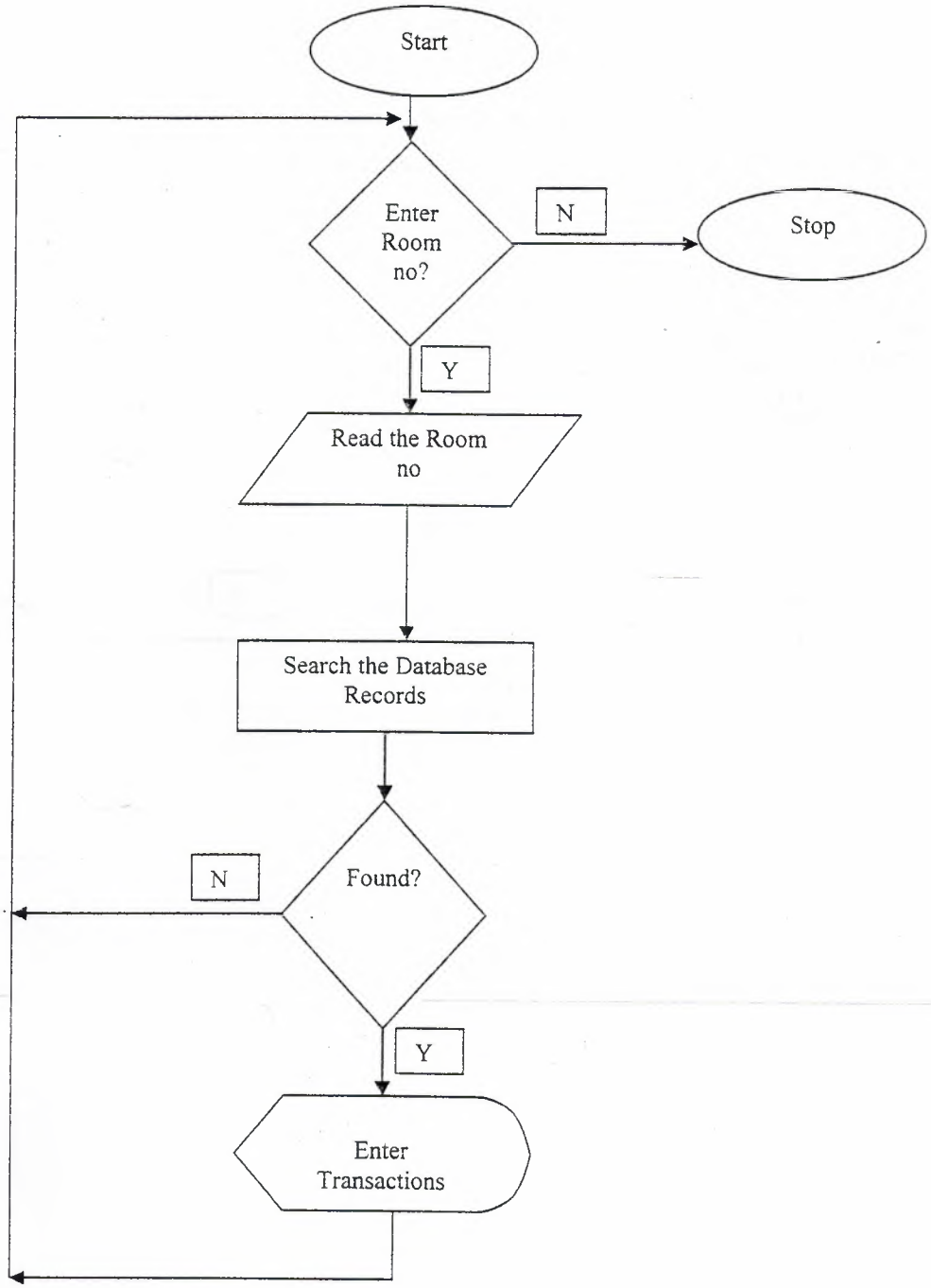
# TRANSACTION MENU



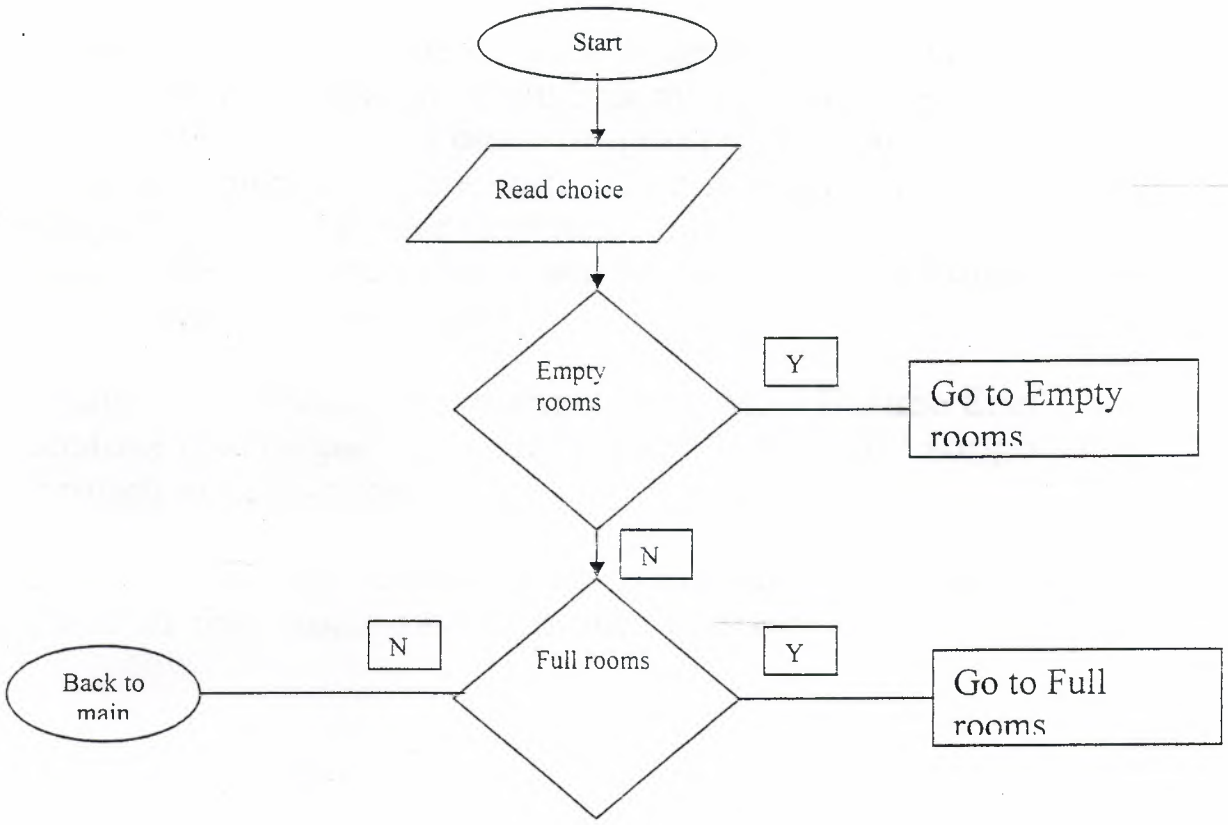
# Transaction (By Name)



## Transaction (By Room no)



# INFORMATION MENU



# CONCLUSION

In this Project, I tried to make a program, which will be able to help Hotel management including all the major departments. The aim is to provide a basic program which can run in the hotel, and helpful for the staff to run it and learn it easily. This program will helpful for the client and easy to use, which always clients wants. Client will be happy for his budget which he will spend on this project.

Finally, I am thanking my supervisor, Miss Besime Erin because She helped me a lot to learn FoxPro and support me through all my studies.

On last, it is really appreciation to my family, my aunt and uncle for their encouragement and support.