



NEAR EAST UNIVERSITY

DEPARTMENT OF
COMP.INF.SYSTEM

GRADUATION PROJECT

CIS – 400

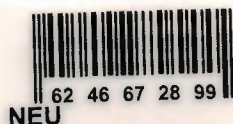
PERSON INFORMATION SYSTEM

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I would like to thank to my teacher Mr. Dr. Yalçın AKÇALI, Umit ILHAN and Nadire ÇAVUŞ for his kind help in developing my graduation project and also I would like to thank to my friends who help me during the projects. Finally special thanks to my family.

ABSTRACT

Our project is the development of computer software for the staff working in different offices. The detailed information kept in the different databases according to their contents. These databases were used to get lists. The project developed by the combination of six part. The part I have developed is the search (list) of personel. In these parts user will select the search criteria (id no., name , surname), enter the required data then the program will list the information on the screen or gives the error messages. Before start writing the program, the structure of data bases were created, so all the worker in this project used same databases in the development of the software.

1.1. INTRODUCTION

There are one search program in the menu. Program is used to find out the personal information of the persons. Shows the personal information name, surname, id, birthdate etc.. all the personal information on the screen. It has three choice for searching. 1. ID NO, 2. NAME, 3. SURNAME. Id no is unique for each person, so the records listed on the screen was associated to one person. The search using name and surname can not be unique, so program displays all the matching name or surname in the window and user selects the required one using up, down keys.

These program is using the following database.

1-PersonDatabase

1.2 USING CLIPPER

Clipper is a highly powered data base programming language. It is generally used in the application of data base programs. Because, data base records can be added, modified or deleted easily.

Clipper has compiler and linker program. These programs are collected in the batch file called CL.BAT. Contents of this file is given below.

```
clipper %1  
if not errorlevel 1 rmlink file % 1
```

Type CL and source file name to run the program.

```
C:\CLIPPER> CL personel
```

This command compiles and generates the file with an extension of OBJ. But if there is any syntax errors in the program, compiler gives the error messages on the screen with their line numbers. The errors must be corrected before recompilation. If there is no error, the program is linked and EXE file is generated by linker.

2. USER MANUAL

Switch on the computer. When the C:\> prompt appears on the screen, insert diskette in drive A. Write A: and press ENTER key.

```
C:\> A: <ENTER>
```

```
A:\> CD \ PROJE <ENTER>
```

```
A:>PROJE> PERSONEL <ENTER>
```

The main menu will be displayed on the screen . User can select the required choice from the menu using Up/Down and Enter keys. The execution and the working principles of each program was explained in the following sections.

2.1 EXECUTING THE MAIN MENU

Write personel and press ENTER to run the main menu. Program displays the personel list program.

2.2 PROGRAM TO FIND PERSONAL INFORMATION OF THE PERSONS

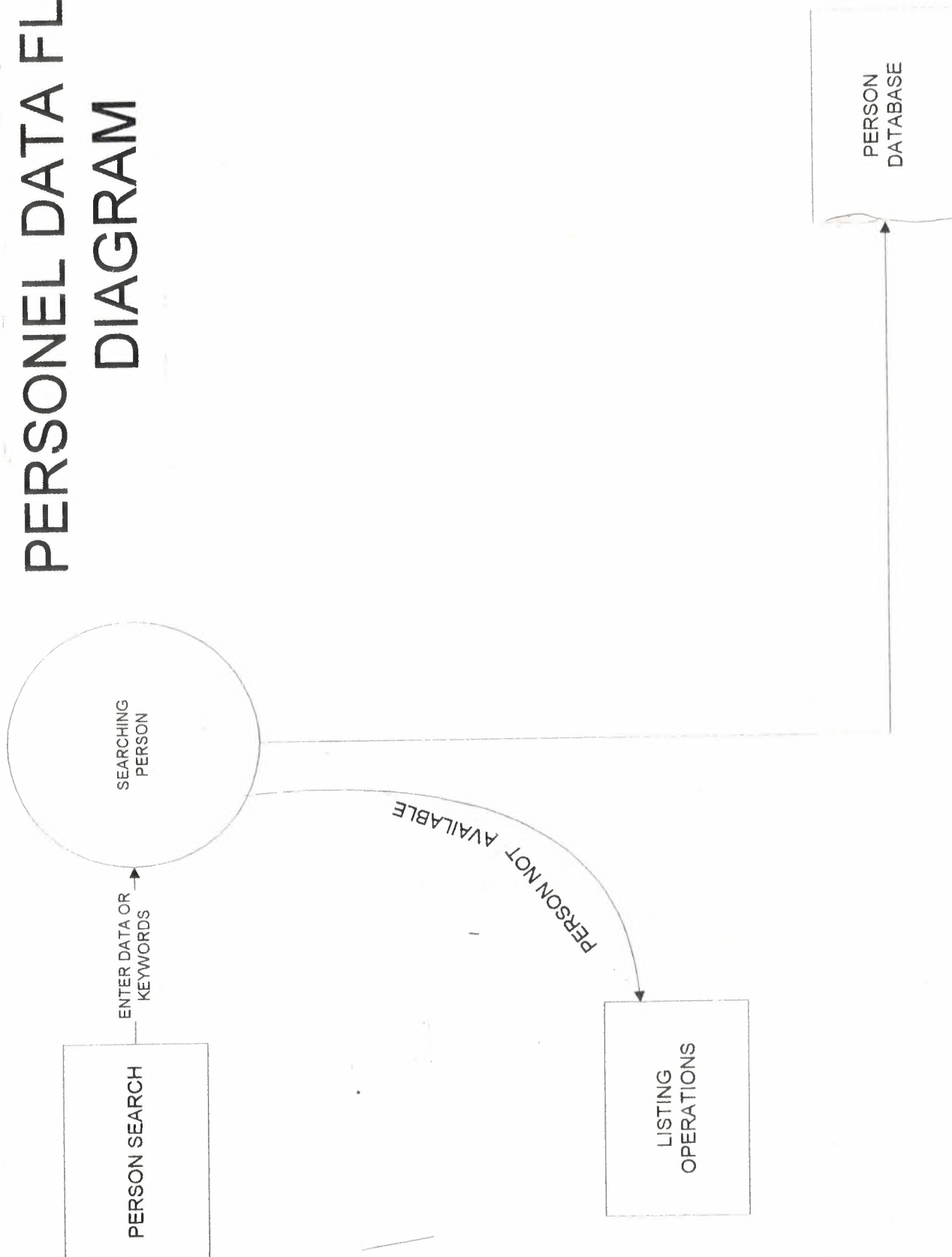
My project shows the list of the personel information on the screen .There are two types of menu found in my project .There are as follows :

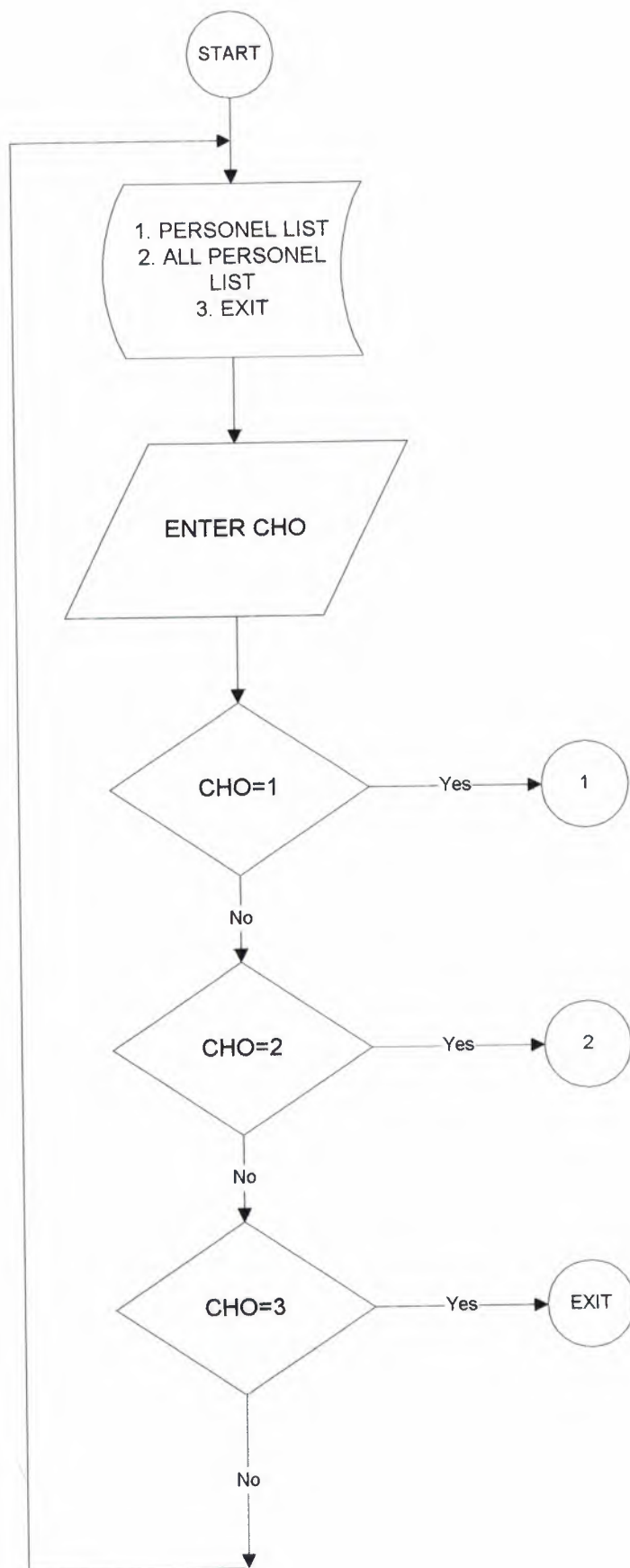
1. One person list
2. All person list

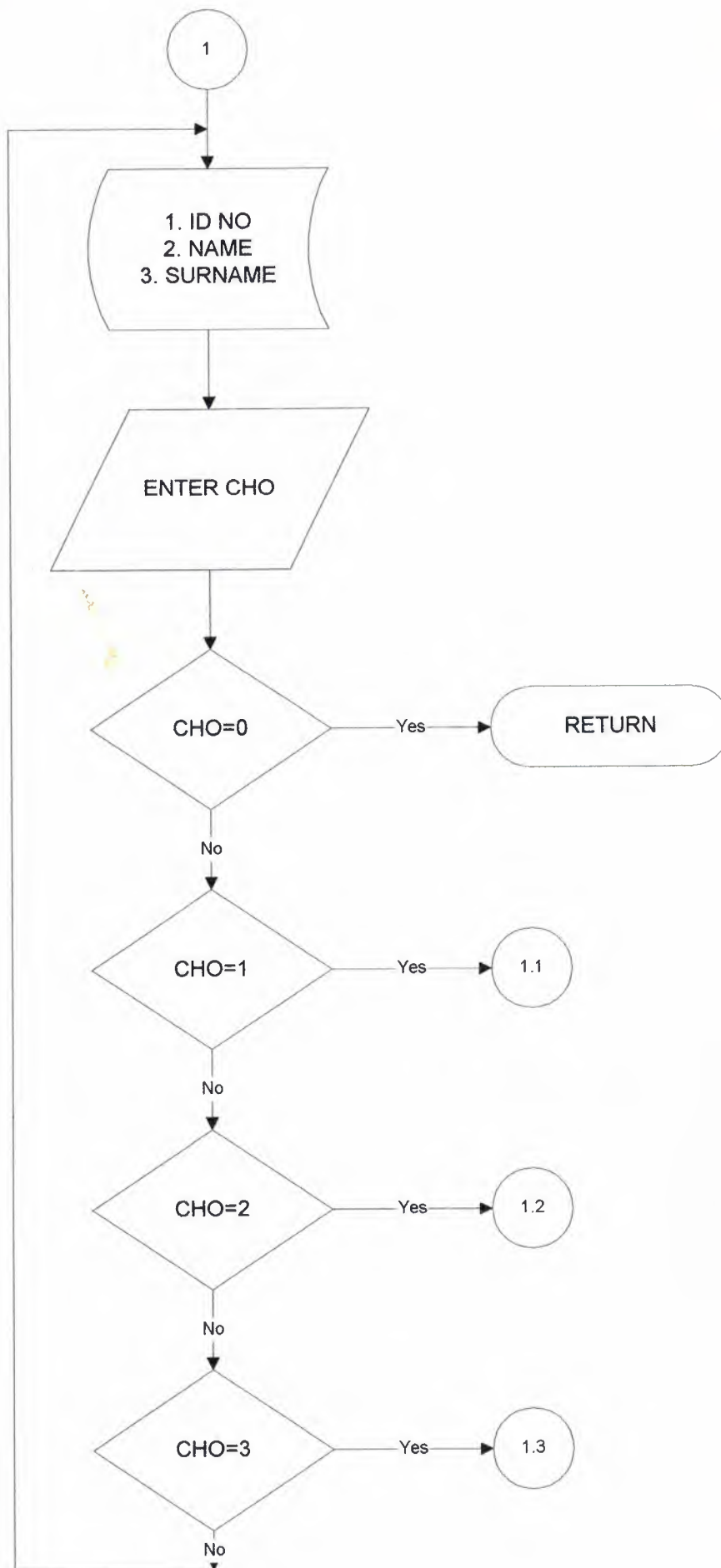
When we select the choice (one person list) it shows us the one person personal information and second choice shows us all person list. Program waits for selecting the search criterion (id no, name, surname) .When the user enter choice program waits for entering id no, name or surname depends on the selection of criterion.

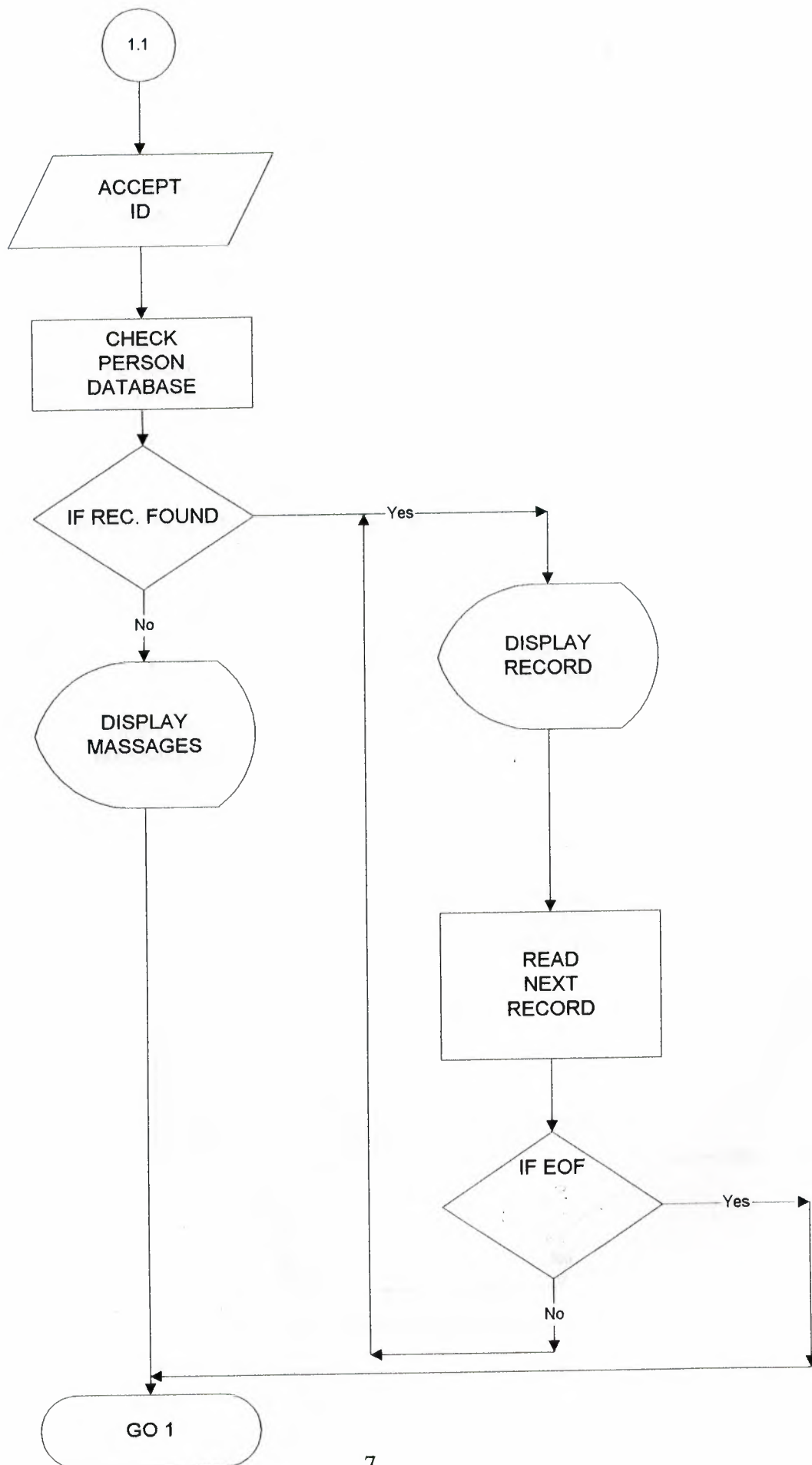
The program first checks the person database to see the existence of the person. If the search criterion is name or surname window opens on the screen and displays the matching name or surname. User selects the required name using up/down arrow keys. Then the program checks the person database to find the required information.,and displays personal information in the database.

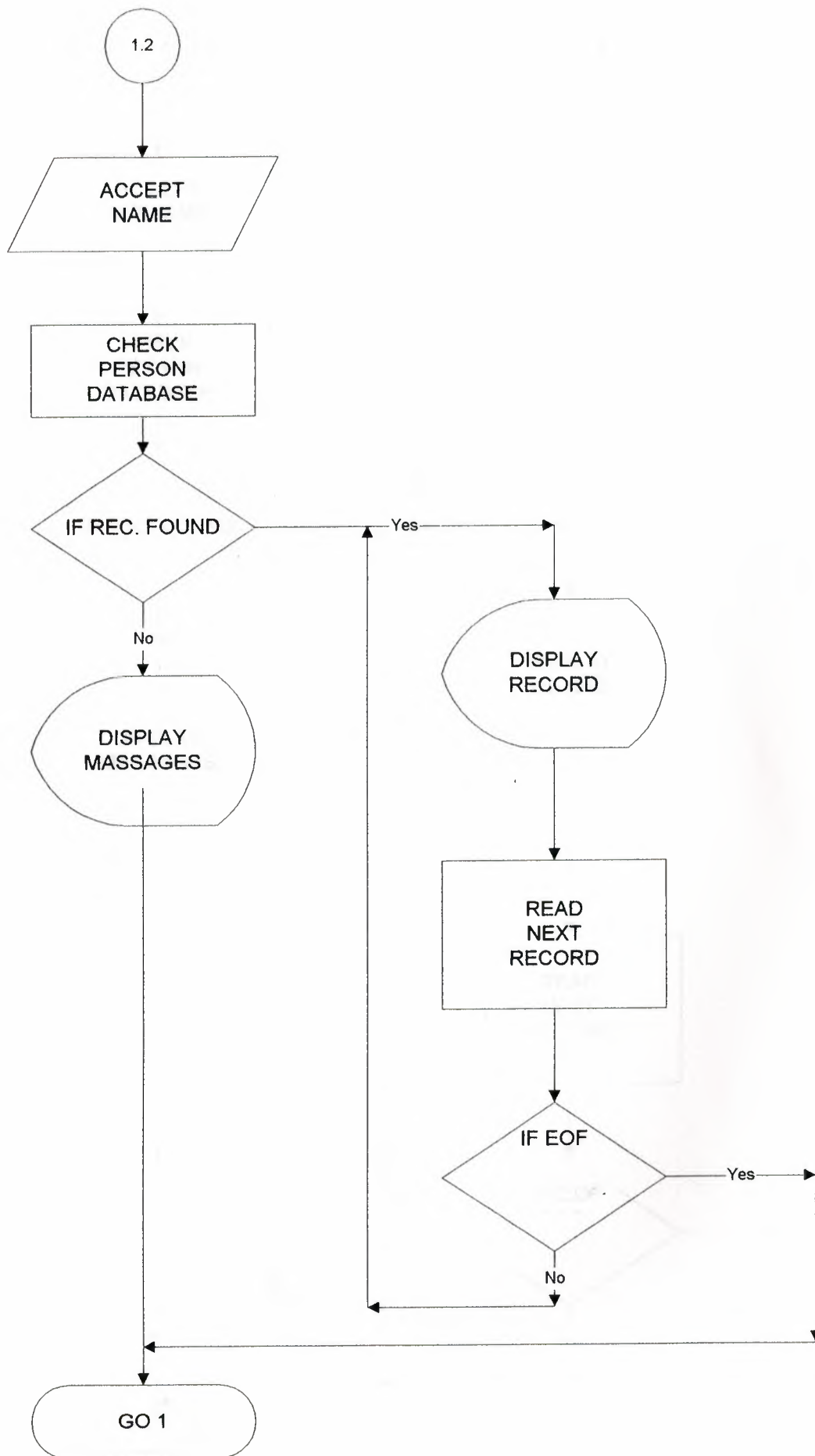
PERSONNEL DATA FLOW DIAGRAM

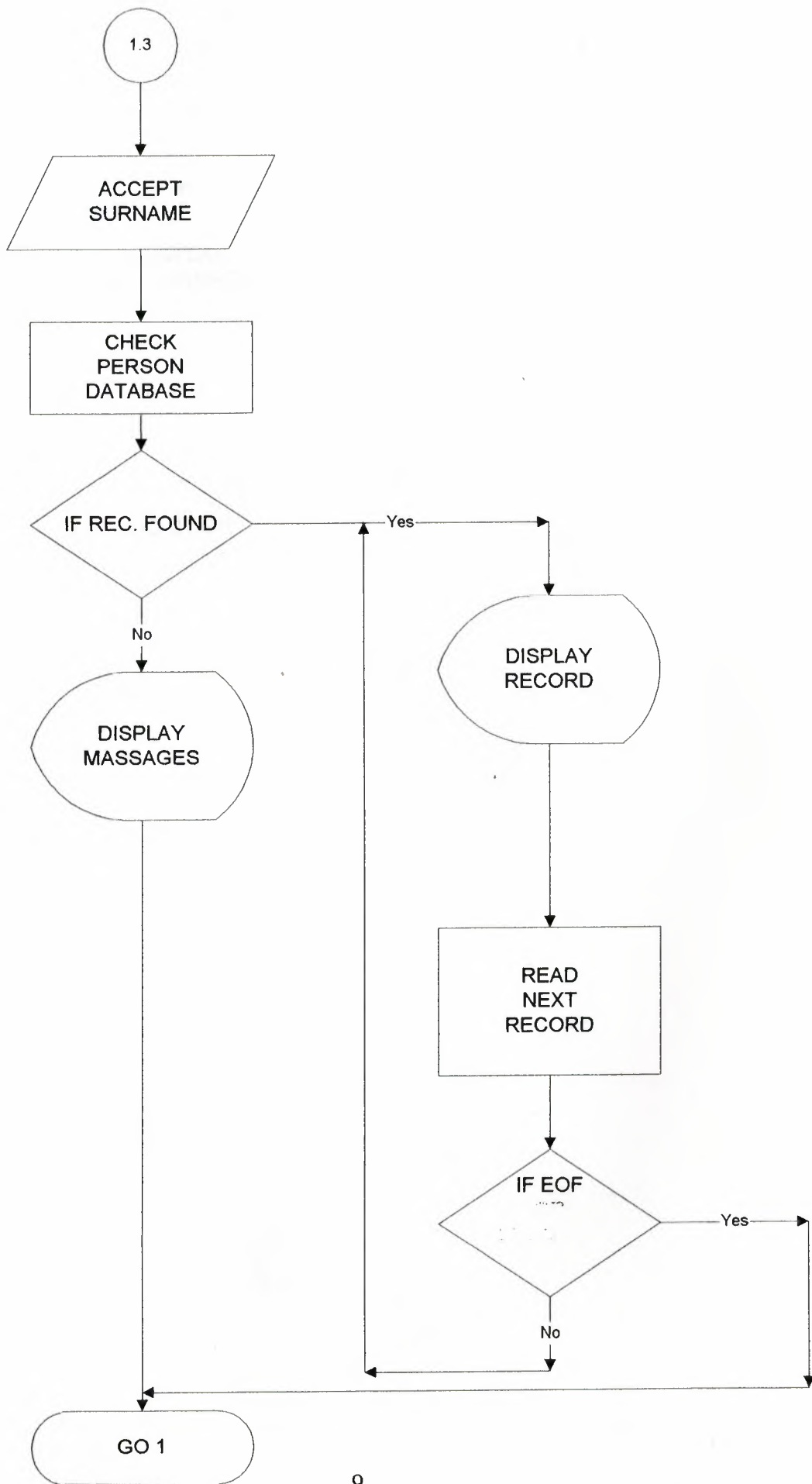


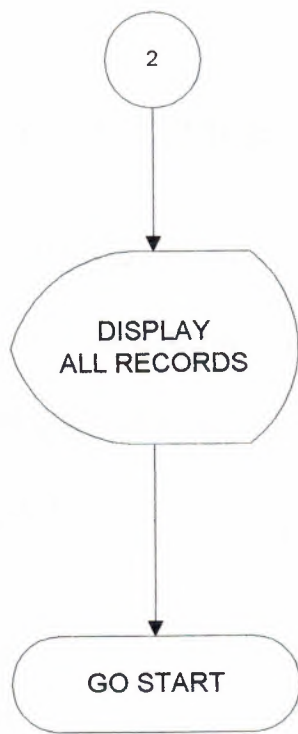












C. DATA STRUCTURES

Search (List) programs are using one database. Program first checks the person database .And then display on screen

PERSON DATABASE

<u>FIELD NAME</u>	<u>FIELD TYPE</u>	<u>FIELD SIZE</u>
BRUT	NUMERIC	12
CINSIYET	CHARACTER	1
MEDENI	CHARACTER	1
CSAYISI	NUMERIC	1
COCUK_C1	NUMERIC	1
COCUK_C2	NUMERIC	1
COCUK_C3	NUMERIC	1
COCUK_D1	DATE	8
COCUK_D2	DATE	8
COCUK_D3	DATE	8
KIMLIK	CHARACTER	6
YAS	NUMERIC	2
BOLUM	CHARACTER	15
PERNO	NUMERIC	3
ISTAR	DATE	8
ADI	CHARACTER	15
SOYADI	CHARACTER	15
SICIL_NO	NUMERIC	6
DOGUM_T	DATE	8
DOGUMYERI	CHARACTER	30
BABAADI	CHARACTER	25
ANAADI	CHARACTER	25
KAYITLIYER	CHARACTER	25
KIMLIK_NO	NUMERIC	7

ASKER_DUR	CHARACTER	1
ASKER_TARI	DATE	8
ASKER_TAR2	DATE	8
COCUK_K1	CHARACTER	3
COCUK_K2	CHARACTER	3
COCUK_K3	CHARACTER	3
ADRES	CHARACTER	25
TEL_NO	CHARACTER	15

SCREEN OUTLINES

...M A I N M E N U...

- 1- PERSONEL LIST
- 2- ALL PERSONEL LIST
- 3- CIKIS

ENTER SICILNO

ENTER NAME

ENTER SURNAME

PERSONEL LIST MENU BY NAME , SURNAME , SICILNO

SICILNO	NAME	SURNAME	SEX(M/F)	ID.NO
				0

E X I T (ESC)

GENERAL LIST

SICILNO	NAME	SURNAME	SEX(M/F)	ID.NO
				0

E X I T (ESC)

USE PROGRAM DOCUMENTATION

TONE(300,2)

TONE(400,2)

TONE(500,2)

TONE(600,2)

***** RENKLER *****

***** RENKLER

KIRMIZI:="R+/B+"

MAVI:="W+/B+"

YESIL:="W+/B+,G+"

FLASH:="R+/B+"

SET WRAP ON

STORE SPACE(25) TO PBABAADI,PANAADI,PKAYITLIYER,ADRES

STORE SPACE(30) TO PDOGUMYERI

STORE SPACE(15) TO PBOLUM,PADI,PSOYADI,PTEL_NO

STORE SPACE(6) TO PSICIL_NO

STORE SPACE(1) TO

PCINSIYET,PMEDENI,PCOCUK_C1,PCOCUK_C2,PCOCUK_C3,PASKER_DUR

STORE 0 TO PCSAYISI,PYAS,PPERNO,PKIMLIKNO

SET CENTURY ON

SET DATE TO BRITISH

clear

DO WHILE .T.

SETCOLOR(YESIL)

CLEAR

FOR I=0 TO 24

@0+I,0 say REPLICATE("±",80)

NEXT

@5,15 clear to 18,55

@5,15 to 18,55 double

@7,17 SAY " ...M A I N M E N U..."

@10,17 PROMPT " 1- PERSONEL LIST

@11,17 PROMPT " 2- ALL PERSONEL LIST

@13,17 PROMPT " 3- CIKIS

@0,2 SAY " KEMAL TATLIYAY 940560 "

MENU TO AA

DO CASE

CASE AA=1

DO PERSONEL

CASE AA=2

DO ALPER

CASE AA=3

QUIT

ENDCASE

ENDDO

SET COLOR TO W+/B+

CLEAR

USE PERS

STORE SPACE(6) TO PSICIL_NO

STORE SPACE(15) TO PADI

STORE SPACE(15) TO PSOYADI

CLEAR

DEV1=0

DEV2=0

DEV3=0

FOR I=0 TO 24

@0+I,0 say REPLICATE("±",80)

NEXT

@3,13 clear to 11,65

@3,13 TO 11,65 DOUBLE

@5,15 SAY " ENTER SICILNO" GET PSICIL_NO

@7,15 SAY " ENTER NAME " GET PADI

@9,15 SAY " ENTER SURNAME" GET PSOYADI

READ

IF PSICIL_NO="" " .AND. PADI="" "

SELECT EKLE**

GO TOP

SET FILTER TO PSOYADI = SOYADI

GO TOP

ELSEIF PSICIL_NO="" " .AND. PSOYADI="" "

GO TOP

SET FILTER TO PADI = ADI

GO TOP

ELSEIF PADI="" " .AND. PSOYADI="" "

GO TOP

SET FILTER TO PSICIL_NO = SICIL_NO

GO TOP

ELSE

RETURN

ENDIF

IF PSICIL_NO="" " .AND. PADI="" " .AND. PSOYADI="" "

RETURN

ENDIF

```
DECLARE DEP[20]
DECLARE MID[20]
DECLARE VAR[20]
```

```
DEP[1] = "SICIL_NO"
DEP[2] = "ADI"
DEP[3] = "SOYADI"
DEP[4] = "CINSIYETI"
DEP[5] = "KIMLIK_NO"
DEP[6] = "TEL_NO"
DEP[7] = "DOGUM_T"
DEP[8] = "DOGUMYERI"
DEP[9] = "BABAADI"
DEP[10] = "ANAADI"
DEP[11] = "KAYITLIYER"
DEP[12] = "ASKER_DUR"
DEP[13] = "ASKER_TAR1"
DEP[14] = "ASKER_TAR2"
DEP[15] = "MEDENI"
DEP[16] = "COCUK_C1"
DEP[17] = "COCUK_C2"
DEP[18] = "COCUK_C3"
DEP[19] = "ADRES"
DEP[20] = "BRUT"
```

```
MID[1] = "SICILNO"
MID[2] = "NAME"
MID[3] = "SURNAME"
MID[4] = "SEX (M/F) "
MID[5] = "ID.NO"
MID[6] = "TEL.NO"
MID[7] = "BIRTH DATE"
MID[8] = "BIRTH PLACE"
MID[9] = "FATHER"
MID[10] = "MOTHER"
MID[11] = "NATIONALITY ADRES"
MID[12] = "SOLIDER TYPE"
MID[13] = "S.DATE"
MID[14] = "F.DATE"
MID[15] = "MARITI"
MID[16] = "CHILD.NO"
MID[17] = "CHILD.NO"
MID[18] = "CHILD.NO"
MID[19] = "ADRES"
MID[20] = "BRUT"
```

```

VAR[1] = "@6!"
VAR[2] = "@15!"
VAR[3] = "@15!"
VAR[4] = "@7!"
VAR[5] = "@8!"
VAR[6] = "@30!"
VAR[7] = "@25!"
VAR[8] = "@25!"
VAR[9] = "@25!"
VAR[10] = "@1!"
VAR[11] = "@8!"
VAR[12] = "@8!"
VAR[13] = "@1!"
VAR[14] = "@1!"
VAR[15] = "@1!"
VAR[16] = "@1!"
VAR[17] = "@1!"
VAR[18] = "@1!"
VAR[19] = "@25!"
VAR[20] = "@12!"

```

```

@0,11 SAY "PERSONEL LIST MENU BY NAME , SURNAME , SICILNO
@1,11 SAY "-----"

```

```

@24,3 SAY "E X I T ( ESC )
"

```

```

@2,2 TO 23,77 DOUBLE
DBEDIT(3,3,22,74,DEP,,VAR,MID)
CLOSE ALL
RETURN 0

```

```

SET COLOR TO W+/B+

```

```

CLEAR
USE PERS

```

```

STORE SPACE(6) TO PSICIL_NO
STORE SPACE(15) TO PADI
STORE SPACE(15) TO PSYADI
CLEAR

```

```

DECLARE DEP[20]
DECLARE MID[20]
DECLARE VAR[20]

```

DEP[1] = "SICIL_NO"
DEP[2] = "ADI"
DEP[3] = "SOYADI"
DEP[4] = "CINSIYETI"
DEP[5] = "KIMLIK_NO"
DEP[6] = "TEL_NO"
DEP[7] = "DOGUM_T"
DEP[8] = "DOGUMYERI"
DEP[9] = "BABAADI"
DEP[10] = "ANAADI"
DEP[11] = "KAYITLIYER"
DEP[12] = "ASKER_DUR"
DEP[13] = "ASKER_TAR1"
DEP[14] = "ASKER_TAR2"
DEP[15] = "MEDENI"
DEP[16] = "COCUK_C1"
DEP[17] = "COCUK_C2"
DEP[18] = "COCUK_C3"
DEP[19] = "ADRES"
DEP[20] = "BRUT"

MID[1] = "SICILNO"
MID[2] = "NAME"
MID[3] = "SURNAME"
MID[4] = "SEX (M/F) "
MID[5] = "ID.NO"
MID[6] = "TEL.NO"
MID[7] = "BIRTH DATE"
MID[8] = "BIRTH PLACE"
MID[9] = "FATHER"
MID[10] = "MOTHER"
MID[11] = "NATIONALITY ADRES"
MID[12] = "SOLIDER TYPE"
MID[13] = "S.DATE"
MID[14] = "F.DATE"
MID[15] = "MARITI"
MID[16] = "CHILD.NO"
MID[17] = "CHILD.NO"
MID[18] = "CHILD.NO"
MID[19] = "ADRES"
MID[20] = "BRUT"


```

VAR[1] = "@6!"
VAR[2] = "@15!"
VAR[3] = "@15!"
VAR[4] = "@7!"
VAR[5] = "@8!"
VAR[6] = "@30!"
VAR[7] = "@25!"
VAR[8] = "@25!"
VAR[9] = "@25!"
VAR[10] = "@1!"
VAR[11] = "@8!"
VAR[12] = "@8!"
VAR[13] = "@1!"
VAR[14] = "@1!"
VAR[15] = "@1!"
VAR[16] = "@1!"
VAR[17] = "@1!"
VAR[18] = "@1!"
VAR[19] = "@25!"
VAR[20] = "@12!"

```

```

@0,11 SAY "GENERAL LIST"
@1,11 SAY "-----"

```

```

@24,3 SAY "E X I T ( ESC ) "
@2,2 TO 23,75 DOUBLE

```

```

DBEDIT(3,3,22,74,DEP,,VAR,MID)

```

```

CLOSE ALL
RETURN 0

```

REFERENCES:

- 1. Clipper 5.2 , Data Base Programing Laguage, Memik Yanık**
- 2. Data Base, Doğan İbrahim**