#include<stdio.h>

#include<conio.h>

#include<string.h>

#include<process.h>

#include<stdlib.h>

#include<dos.h>

Struct contact

{

Long ph;

Char name[20],add[20],email[30];

} list;

Char query[20],name[20];

FILE \*fp, \*ft;

Int I,n,ch,l,found;

//Start of main//

Int main()

{

Main:

System(“cls”); /\* \*\*\*\*\*\*\*\*\*\*\*\*Main menu \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* \*/

System(“color 3f”);

Printf(“\n\t \*\*\*\* Knowledge 360 \*\*\*\*”);

Printf(“\n\t \*\*\*\* Welcome to Contact Management System \*\*\*\*”);

Printf(“\n\n\n\t\t\tMAIN MENU\n\t\t=====================\n\t\t[1] Add a New Contact\n\t\t[2] List all Contacts\n\t\t[3] Search for Contact\n\t\t[4] Exit\n\t\t=================\n\t\t”);

Printf(“Enter Your Choice: “);

Scanf(“%d”,&ch);

Switch(ch)

{

//This case is used for Exit//

Case 0:

Printf(“\n\n\t\tAre You Sure To Exit?”);

Break ;

Case 1:

System(“cls”);

Fp=fopen(“contact.dll”,”a”);

For (;;)

{

Fflush(stdin);

Printf(“To Exit Enter Blank Space in the Name Input\nName (Use identical): “);

Scanf(“%[^\n]”,&list.name);

If(stricmp(list.name,””)==0 || stricmp(list.name,” “)==0)

Break;

Fflush(stdin);

Printf(“Phone: “);

Scanf(“%ld”,&list.ph);

Fflush(stdin);

Printf(“Address: “);

Scanf(“%[^\n]”,&list.add);

Fflush(stdin);

Printf(“Email Address: “);

Gets(list.email);

Printf(“\n”);

Fwrite(&list,sizeof(list),1,fp);

}

Fclose(fp);

Break;

Case 2:

System(“cls”);

Printf(“\n\t\t================================\n\t\t\tLIST OF CONTACTS\n\t\t================================\n\nName\t\tPhone No\t Address\t\tE-mail\n=================================================================\n\n”);

For(i=97; i<=122; i=i+1)

{

Fp=fopen(“contact.dll”,”r”);

Fflush(stdin);

Found=0;

While(fread(&list,sizeof(list),1,fp)==1)

{

If(list.name[0]==I || list.name[0]==i-32)

{

Printf(“\nName\t: %s\nPhone\t: %ld\nAddress\t: %s\nEmail\t: %s\n”,list.name,

List.ph,list.add,list.email);

Found++;

}

}

If(found!=0)

{

Printf(“=========================================================== [%c]-(%d)\n\n”,i-32,found);

Getch();

}

Fclose(fp);

}

Break;

}

Return 0;