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Section : 7 Groupe : 2 MI

Le code source :

#include <stdio.h>

#include <conio.h>

#include <string.h>

#include <stdlib.h>

#include <unistd.h>

#include <windows.h>

#include <time.h>

**typedef** struct {

int d,m;

long int y;

}date;

**typedef** struct {

int ID;

char FirstName[64],LastName[64],Nationality[32],Address[80],Email[50];

date BirthDate;

}author;

**typedef** struct {

int Pages,RlsYear,AthNbr,AthID[10];

char Title[64],Coast[20],Genre[64],PubHouse[64];

}book;

void AShift ( author \*a, author \*b )

{

author c;

c = \*a; \*a = \*b; \*b = c;

}

void BShift ( book \*a, book \*b )

{

book c;

c = \*a; \*a = \*b; \*b = c;

}

void ASearch (int \*sn, char c[128], char a[64], char b[64], int i)

{

char C[129] = "";

strcat(C,a);

strcat(C," ");

strcat(C,b);

**if**(strcmp(C,c)==0) \*sn=i;

}

void BSearch ( int \*sn, char c[128], char b[128], int i)

{

**if**(strcmp(b,c)==0) \*sn=i;

}

void Welcome()

{

int i,j;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<15;i++)

{

Sleep(25);system("cls");

**for**(j=13;j>i;j--) {printf("\n");}

**if**(i>0) {printf("\n\n\t\t\t\t\t\t %c%c%c",y,u,y);}

**if**(i>1) {printf("\n\t\t\t\t\t\t %c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>2) {printf("\n\t\t\t\t\t\t %c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>3) {printf("\n\t\t\t\t\t\t%c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>4) {printf("\n\t\t\t\t\t %c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>5) {printf("\n\t\t\t\t\t %c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>6) {printf("\n\t\t\t\t\t %c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>7) {printf("\n\t\t\t\t\t%c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>8) {printf("\n\t\t\t\t %c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>9) {printf("\n\t\t\t\t %c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>10) {printf("\n\t\t\t\t %c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>11) {printf("\n\t\t\t\t%c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf(" ");Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>12) {printf("\n\t\t\t %c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf(" %c %c %c%c%c %c %c%c%c %c%c%c %c%c%c%c%c %c%c%c ",u,u,u,v,v,u,u,v,v,u,v,u,u,w,y,w,u,u,v,v);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>13) {printf("\n\t\t\t %c%c",y,u);Color(0,0);printf(" ");Color(0,11);printf(" %c %c %c %c%c%c %c %c %c %c %c %c %c %c%c%c ",u,y,u,u,v,v,u,u,u,u,u,v,u,u,v,v);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,y);}

**if**(i>13) {printf("\n\t\t\t %c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf(" %c%c%c%c%c %c%c%c %c%c%c %c%c%c %c%c%c %c %c %c%c%c ",u,w,v,w,u,u,y,y,u,y,y,u,y,y,u,y,u,u,u,u,y,y);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>12) {printf("\n\t\t\t %c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf(" ");Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>11) {printf("\n\t\t\t\t%c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>10) {printf("\n\t\t\t\t %c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>9) {printf("\n\t\t\t\t %c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>8) {printf("\n\t\t\t\t %c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>7) {printf("\n\t\t\t\t\t%c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>6) {printf("\n\t\t\t\t\t %c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>5) {printf("\n\t\t\t\t\t %c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>4) {printf("\n\t\t\t\t\t %c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>3) {printf("\n\t\t\t\t\t\t%c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>2) {printf("\n\t\t\t\t\t\t %c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>1) {printf("\n\t\t\t\t\t\t %c%c",v,u);Color(0,0);printf(" ");Color(0,11);printf("%c%c",u,v);}

**if**(i>0) {printf("\n\t\t\t\t\t\t %c%c%c",v,u,v);Color(0,11);}

Sleep(100);

}

sleep(2);

}

void Menu1()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf(" %c%c%c%c%c",u,w,y,w,u); printf(" %c%c%c%c",u,v,v,v); printf(" %c%c %c",u,u,u); printf(" %c %c",u,u); printf("\t\t\t\t\t %c%c",u,u);

printf("\n%c%c\t\t\t\t %c%c ",u,u,u,u); printf(" %c %c %c",u,v,u); printf(" %c%c%c%c",u,v,v,v); printf(" %c %c %c",u,u,u,u); printf(" %c %c",u,u); printf(" %c%c\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf(" %c %c",u,u); printf(" %c%c%c%c",u,y,y,y); printf(" %c %c%c",u,u,u); printf(" %c%c%c%c",u,y,y,u); printf("\t\t\t\t\t %c%c",u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t",u,u); printf("These are all the availble choices in the current version of LibManager :"); printf("\t\t\t %c%c",u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t %c ",u,u,w); printf("'A' <%c%c%c%c%c To ADD New elements (Authors / Books).",z2,z2,z2,z2,z2); printf("\t\t\t\t %c%c",u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t %c ",u,u,w); printf("'M' <%c%c%c%c%c To MODIFY Existing elements (Authors / Books).",z2,z2,z2,z2,z2); printf("\t\t\t %c%c",u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t %c ",u,u,w); printf("'D' <%c%c%c%c%c To DELETE Existing elements (Authors / Books).",z2,z2,z2,z2,z2); printf("\t\t\t %c%c",u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t %c ",u,u,w); printf("'I' <%c%c%c%c%c To show INFORMATIONS about the Existing elements (Authors / Books).",z2,z2,z2,z2,z2); printf(" %c%c",u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t %c ",u,u,w); printf("'E' <%c%c%c%c%c To EXIT LibManager.",z2,z2,z2,z2,z2); printf("\t\t\t\t\t\t %c%c",u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t",u,u); printf("Choose your choice by Pressing the correspondent key."); printf("\t\t\t\t\t\t %c%c",u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu2()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t %c",u,u,u); Color(11,0); printf(" 'B' <%c%c%c A Book. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t%c",u,u); Color(11,0); printf(" 'A' <%c%c%c An Author. ",z2,z2,z2); Color(0,11); printf("%c\t %c%c",u,u,u);

printf("\n%c%c\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<6;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3BA()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t",u,u); printf(" The new book has been successfully added to the Books List."); printf("\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf(" 'A' <%c%c%c To Add Another Book. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3BM()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to change ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t\t\t\t\t %c [T]itle\t\t\t\t\t\t\t %c%c",u,u,w,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t %c [C]oast\t\t\t\t\t\t\t %c%c",u,u,w,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t %c [G]enre\t\t\t\t\t\t\t %c%c",u,u,w,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t %c [N]umber of Pages\t\t\t\t\t\t %c%c",u,u,w,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t %c [R]elease Year\t\t\t\t\t\t %c%c",u,u,w,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t %c [P]ublishing House\t\t\t\t\t %c%c",u,u,w,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t %c [A]uthors\t\t\t\t\t\t\t %c%c",u,u,w,u,u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3BM1()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t ",u,u); printf(" The book has been successfully modified."); printf("\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf(" 'R' <%c%c%c To Modify Another Book. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3BM2()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t ",u,u); printf(" No book was found under that title !"); printf("\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf(" 'R' <%c%c%c To Modify Another Book. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3BD1()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t ",u,u); printf(" The book has been successfully deleted."); printf("\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf(" 'R' <%c%c%c To Delete Another Book. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3BD2()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t ",u,u); printf(" No book was found under that title !"); printf("\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf(" 'R' <%c%c%c To Delete Another Book. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3AA()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t",u,u); printf(" The new author has been successfully added to the authors list."); printf("\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf(" 'A' <%c%c%c To Add Another Author. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3AM()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to change ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t\t\t\t\t %c [F]irst Name\t\t\t\t\t\t %c%c",u,u,w,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t %c [L]ast Name\t\t\t\t\t\t %c%c",u,u,w,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t %c [B]irth Date\t\t\t\t\t\t %c%c",u,u,w,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t %c [N]ationality\t\t\t\t\t\t %c%c",u,u,w,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t %c [A]ddress\t\t\t\t\t\t\t %c%c",u,u,w,u,u);

printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t %c [E]mail\t\t\t\t\t\t\t %c%c",u,u,w,u,u);

**for**(i=0;i<6;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3AM1()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t ",u,u); printf(" The author has been successfully modified."); printf("\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf("'R' <%c%c%c To Modify Another Author.",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3AM2()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t ",u,u); printf(" No author was found under that name !"); printf("\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf("'R' <%c%c%c To Modify Another Author.",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3AD1()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t ",u,u); printf(" The author has been successfully deleted."); printf("\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf("'R' <%c%c%c To Delete Another Author.",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3AD2()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t ",u,u); printf(" No author was found under that name !"); printf("\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf("'R' <%c%c%c To Delete Another Author.",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3AI()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t %c",u,u,u); Color(11,0); printf("'S' <%c%c%c To SEARCH for a Specific Author.",z2,z2,z2); Color(0,11); printf("%c %c",u,u); Color(11,0); printf("'L' <%c%c%c To show a LIST of All Registered Authors.",z2,z2,z2);Color(0,11); printf("%c %c%c",u,u,u);

printf("\n%c%c\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<6;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

**for**(i=0;i<112;i++) printf("%c",u);

}

void Menu3BI()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t %c",u,u,u); Color(11,0); printf(" 'S' <%c%c%c To SEARCH for a Specific Book. ",z2,z2,z2); Color(0,11); printf("%c %c",u,u); Color(11,0); printf(" 'L' <%c%c%c To show a LIST of All Registered Books. ",z2,z2,z2);Color(0,11); printf("%c %c%c",u,u,u);

printf("\n%c%c\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<6;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

**for**(i=0;i<112;i++) printf("%c",u);

}

void NoAthFnd()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

system("mode con: cols=112 lines=28");

system("color B0");

system("cls");

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t ",u,u); printf(" No Author was found under that name !"); printf("\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf(" 'R' <%c%c%c To return to last page. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void NoBookFnd()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

system("mode con: cols=112 lines=28");

system("color B0");

system("cls");

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t ",u,u); printf(" No Book was found under that name !"); printf("\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf(" 'R' <%c%c%c To return to last page. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void NoAuthors()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

system("mode con: cols=112 lines=28");

system("color B0");

system("cls");

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t ",u,u); printf(" There is no Authors !"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf(" 'R' <%c%c%c To return to last page. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void NoBooks()

{

int i;

char ch1,ch2,ch3,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

system("mode con: cols=112 lines=28");

system("color B0");

system("cls");

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t ",u,u); printf(" There is no Books !"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t\t",u,u); printf("What do you want to do next ?"); printf("\t\t\t\t\t %c%c",u,u);

**for**(i=0;i<3;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (0,10); printf(" 'R' <%c%c%c To return to last page. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,u,u);

printf("\n%c%c\t\t\t\t\t%c",u,u,u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c\t\t\t\t %c%c",u,u,u);

printf("\n%c%c\t\t\t\t %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c\t\t\t\t %c%c",u,u,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,u,u);

**for**(i=0;i<2;i++) printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);

**for**(i=0;i<112;i++) printf("%c",u);

}

void Exit()

{

int i;

char u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

system("mode con: cols=50 lines=11");

Color(15,4); printf("\a%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u); Color(0,11);

Color(15,4); printf("\n%c%c %c%c",u,u,u,u); Color(0,11);

Color(15,4); printf("\n%c%c %c%c",u,u,u,u); Color(0,11);

Color(15,4); printf("\n%c%c Are you sure that you want to EXIT ? %c%c",u,u,u,u); Color(0,11);

Color(15,4); printf("\n%c%c %c%c",u,u,u,u); Color(0,11);

Color(15,4); printf("\n%c%c %c%c",u,u,u,u); Color(0,11);

Color(15,4); printf("\n%c%c %c%c%c%c%c%c%c%c%c %c%c%c%c%c%c%c%c%c %c%c",u,u,z5,z2,z2,z2,z2,z2,z2,z2,z3,z5,z2,z2,z2,z2,z2,z2,z2,z3,u,u); Color(0,11);

Color(15,4); printf("\n%c%c %c [Y]es %c %c [N]o %c %c%c",u,u,z1,z1,z1,z1,u,u); Color(0,11);

Color(15,4); printf("\n%c%c %c%c%c%c%c%c%c%c%c %c%c%c%c%c%c%c%c%c %c%c",u,u,z6,z2,z2,z2,z2,z2,z2,z2,z4,z6,z2,z2,z2,z2,z2,z2,z2,z4,u,u); Color(0,11);

Color(15,4); printf("\n%c%c %c%c",u,u,u,u); Color(0,11);

Color(15,4); printf("%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u,u); Color(0,11);

}

void Ending()

{

int i,j;

char u,v,w,y,z1,z2,z3,z4,z5,z6,credits[53]="Ayoub NAIT MIHOUB & Oussama IGHIL GUITOUN Production.";

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

system("mode con: cols=112 lines=28");

system("color 60");

printf("\n\n");

**for**(i=0;i<28;i++)

{

system("cls");

printf("\n\n");

**for**(j=0;j<28-i;j++) {printf("\n");}

**if**(i>1) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf("\n");}

**if**(i>2) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>3) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",v);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>4) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>5) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>6) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>7) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>8) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",y);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>9) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>10) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);}

**if**(i>11) {printf("\n");}

**if**(i>12) {printf("\n");}

**if**(i>13) {printf("\n");}

**if**(i>14) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",y);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>15) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf("%c",v);printf("%c",v);printf("%c",v);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",y);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>16) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" " );printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf(" ");printf(" "); printf("%c",v);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf("%c",y);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf("\n");}

**if**(i>17) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf("%c",y);printf("%c",y);printf("%c",y);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf("%c",v);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf("\n");}

**if**(i>18) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf(" "); printf(" "); printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",v);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>19) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf(" "); printf(" "); printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>20) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf("%c",v);printf("%c",v);printf("%c",v);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf("\n");}

**if**(i>21) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" " );printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf("\n");}

**if**(i>22) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf("%c",y);printf("%c",y);printf("%c",y);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>23) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf(" "); printf(" "); printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);}

Sleep(100);

}

sleep(3);

**for**(i=28;i>0;i--)

{

system("cls");

printf("\n\n");

**for**(j=0;j<28-i;j++) {printf("\n");}

**if**(i>1) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf("\n");}

**if**(i>2) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>3) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",v);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>4) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>5) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>6) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>7) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>8) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",y);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>9) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>10) {printf("\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);}

**if**(i>11) {printf("\n");}

**if**(i>12) {printf("\n");}

**if**(i>13) {printf("\n");}

**if**(i>14) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",y);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>15) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf("%c",v);printf("%c",v);printf("%c",v);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",y);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>16) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" " );printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf(" ");printf(" "); printf("%c",v);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf("%c",y);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf("\n");}

**if**(i>17) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf("%c",y);printf("%c",y);printf("%c",y);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf("%c",v);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf("\n");}

**if**(i>18) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf(" "); printf(" "); printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",v);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>19) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf(" "); printf(" "); printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>20) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf("%c",v);printf("%c",v);printf("%c",v);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf("\n");}

**if**(i>21) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" " );printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf("\n");}

**if**(i>22) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",y);printf("%c",y);printf("%c",y);printf("%c",y);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("\n");}

**if**(i>23) {printf("\t\t\t ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",v);printf(" "); printf(" "); printf(" ");printf(" ");printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf(" "); printf(" "); printf(" "); printf(" "); printf(" "); printf(" ");printf(" ");printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);printf("%c",u);}

Sleep(100);

}

system("cls");

printf("\n\n\n\n\n\n\n\n\n\n\n\t\t\t\t ");

**for**(i=0;i<53;i++)

{

**if**(i>18&&i<21) Sleep(500);

**if**(i>40&&i<42) {printf("\n\n\t\t\t\t\t\t");Sleep(500);}

printf("%c",credits[i]);Sleep(100);

}

printf("\n\n\n\n\n\n\n\n\n\n\n");

sleep(10);

}

main()

{

int i,j,h,n,p,sn,na,nb,np,IDC,N,New,AtrNbr;

char ch1,ch2,ch3,ch4,Tmp[128],cln[2],u,v,w,y,z1,z2,z3,z4,z5,z6;

u=-37; v=-33; w=-2; y=-36; z1=-70; z2=-51; z3=-69; z4=-68; z5=-55; z6=-56;

FILE \*fp;

system("mode con: cols=112 lines=28");

system("color B0");

Welcome();

void Color(int t,int f)

{

HANDLE H=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(H,f\*16+t);

}

**if**(fopen("LM-User\_Data.txt","r")==**NULL**)

{

fp = fopen("LM-User\_Data.txt","w");

na=0;

nb=0;

IDC=1;

}

**else**

{

fp = fopen("LM-User\_Data.txt","r");

fscanf(fp,"%d",&na);

fscanf(fp," %d",&nb);

fscanf(fp," %d",&IDC);

}

author\* a = malloc(na+1 \* **sizeof**(author));

book\* b = malloc(nb+1 \* **sizeof**(book));

**if**(na!=0 || nb!=0)

{

**for**(i=0;i<na;i++)

{

fscanf(fp,"\n%d",&a[i].ID);

fscanf(fp,"\n%[^\n]s",&a[i].FirstName);

fscanf(fp,"\n%[^\n]s",&a[i].LastName);

fscanf(fp,"\n%d",&a[i].BirthDate.d);

fscanf(fp," %d",&a[i].BirthDate.m);

fscanf(fp," %li",&a[i].BirthDate.y);

fscanf(fp,"\n%[^\n]s",&a[i].Nationality);

fscanf(fp,"\n%[^\n]s",&a[i].Address);

fscanf(fp,"\n%s",&a[i].Email);

}

**for**(i=0;i<nb;i++)

{

fscanf(fp,"\n%[^\n]s",&b[i].Title);

fscanf(fp,"\n%[^\n]s",&b[i].Coast);

fscanf(fp,"\n%[^\n]s",&b[i].Genre);

fscanf(fp,"\n%[^\n]s",&b[i].PubHouse);

fscanf(fp,"\n%d",&b[i].Pages);

fscanf(fp,"\n%d",&b[i].RlsYear);

fscanf(fp,"\n%d",&b[i].AthNbr);

**for**(j=0;j<b[i].AthNbr;j++)

{

fscanf("\n%d",&b[i].AthID[j]);

}

}

}

fclose(fp);

system("cls");

Menu1();

ch1=getch();

**while** (ch1 != EOF && ch1 != 'e')

{

**switch**(ch1) {

**case** 'a':

**case** 'A':{

menu2a:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t",u,u); printf("What Type of elements do you want to ADD ?"); printf("\t\t\t\t\t\t\t %c%c",u,u);

Menu2();

ch2 = getch();

**if** (ch2 != EOF && ch2 == 'a')

{

aa:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

printf("\n\n\n\t\tEnter the author's informations below :");

printf("\n\n\n\t\t\t\t%c First name : ",w);

scanf(" %[^\n]s",&a[na].FirstName);

printf("\n\t\t\t\t%c Last name : ",w);

scanf(" %[^\n]s",&a[na].LastName);

printf("\n\t\t\t\t%c Date of birth :",w);

**do**{

printf("\n\t\t\t\t\t- Day : ");

scanf(" %d",&a[na].BirthDate.d);

}**while**(a[na].BirthDate.d>31 || a[na].BirthDate.d<1);

**do**{

printf("\n\t\t\t\t\t- Month : ");

scanf(" %d",&a[na].BirthDate.m);

}**while**(a[na].BirthDate.m>12 || a[na].BirthDate.m<1);

printf("\n\t\t\t\t\t- Year : ");

scanf(" %li",&a[na].BirthDate.y);

printf("\n\t\t\t\t%c Nationality : ",w);

scanf(" %[^\n]s",&a[na].Nationality);

printf("\n\t\t\t\t%c Address : ",w);

scanf(" %[^\n]s",&a[na].Address);

printf("\n\t\t\t\t%c E-mail : ",w);

scanf(" %[^\n]s",&a[na].Email);

a[na].ID=IDC;

IDC++;

na=na+1;

author\* A = realloc(a, na+1 \* **sizeof**(author));

a = A;

menuaa:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

Menu3AA();

ch3 = getch();

**if** (ch3 != EOF && ch3 == 'a') {**goto** aa;}

**else** **if** (ch3 != EOF && ch3 == 'm') {**goto** menu;}

**else** **if** (ch3 != EOF && ch3 == 'e') {**goto** exit;}

**else** {printf("\a"); **goto** menuaa;}

}

**else** **if** (ch2 != EOF && ch2 == 'b')

{

ba:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

printf("\n\n\n\t\tEnter the book's informations below :");

printf("\n\n\n\t\t\t\t%c Title : ",w);

scanf(" %[^\n]s",&b[nb].Title);

printf("\n\t\t\t\t%c Coast : ",w);

scanf(" %[^\n]s",&b[nb].Coast);

printf("\n\t\t\t\t%c Genre : ",w);

scanf(" %[^\n]s",&b[nb].Genre);

**do**{

printf("\n\t\t\t\t%c Number of Pages : ",w);

scanf(" %d",&b[nb].Pages);

}**while**(b[nb].Pages<1);

printf("\n\t\t\t\t%c Released Year : ",w);

scanf(" %d",&b[nb].RlsYear);

printf("\n\t\t\t\t%c Publishing House : ",w);

scanf(" %[^\n]s",&b[nb].PubHouse);

**do**{

printf("\n\t\t\t\t%c Number of Authors : ",w);

scanf(" %d",&b[nb].AthNbr);

}**while**(b[nb].AthNbr<0 || b[nb].AthNbr>10);

**for**(i=0;i<b[nb].AthNbr;i++)

{

**do**{

system("mode con: cols=65 lines=2");

system("color F0");

Color(0,11);

Color(15,0);printf(" Author's %d Full name : \n",i+1);

Color(0,15); printf(" ");

scanf(" %[^\n]s",&Tmp);

}**while**(Tmp==EOF);

sn=-1;

**for**(j=0;j<na;j++)

{

ASearch (&sn,Tmp,a[j].FirstName,a[j].LastName,j);

}

**if**(sn=-1)

{

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

printf("\n\n\n\t\t %s wasn't found in our list. Please enter his informations below :");

printf("\n\n\n\t\t\t\t%c First name : ",w);

scanf(" %[^\n]s",&a[na].FirstName);

printf("\n\t\t\t\t%c Last name : ",w);

scanf(" %[^\n]s",&a[na].LastName);

printf("\n\t\t\t\t%c Date of birth :",w);

**do**{

printf("\n\t\t\t\t\t- Day : ");

scanf(" %d",&a[na].BirthDate.d);

}**while**(a[na].BirthDate.d>31 || a[na].BirthDate.d<1);

**do**{

printf("\n\t\t\t\t\t- Month : ");

scanf(" %d",&a[na].BirthDate.m);

}**while**(a[na].BirthDate.m>12 || a[na].BirthDate.m<1);

printf("\n\t\t\t\t\t- Year : ");

scanf(" %li",&a[na].BirthDate.y);

printf("\n\t\t\t\t%c Nationality : ",w);

scanf(" %[^\n]s",&a[na].Nationality);

printf("\n\t\t\t\t%c Address : ",w);

scanf(" %[^\n]s",&a[na].Address);

printf("\n\t\t\t\t%c E-mail : ",w);

scanf(" %[^\n]s",&a[na].Email);

a[na].ID=IDC;

b[nb].AthID[i]=IDC;

IDC++;

na=na+1;

author\* A = realloc(a, na+1 \* **sizeof**(author));

a = A;

}

**else**

{

b[nb].AthID[i]=a[sn].ID;

}

}

nb=nb+1;

book\* B = realloc(b, nb+1 \* **sizeof**(book));

b = B;

menuba:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

Menu3BA();

ch3 = getch();

**if** (ch3 != EOF && ch3 == 'a') {**goto** ba;}

**else** **if** (ch3 != EOF && ch3 == 'm') {**goto** menu;}

**else** **if** (ch3 != EOF && ch3 == 'e') {**goto** exit;}

**else** {printf("\a"); **goto** menuba;}

}

**else** **if** (ch2 != EOF && ch2 == 'm') {**goto** menu;}

**else** **if** (ch2 != EOF && ch2 == 'e') {**goto** exit;}

**else** {printf("\a"); system("color 4F"); Sleep(100); **goto** menu2a;}

}

**break**;

**case** 'm':

**case** 'M':{

menu2m:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t",u,u); printf("What Type of elements do you want to MODIFY ?"); printf("\t\t\t\t\t\t\t %c%c",u,u);

Menu2();

ch2 = getch();

**if** (ch2 != EOF && ch2 == 'a')

{

am:

system("mode con: cols=65 lines=5");

system("color F0");

Color(0,11);

printf(" Enter the author's name in the 'SEARCH BAR', then hit 'Enter'. ");

Color(15,0);printf(" Search \n");

Color(0,11);printf(" "); Color(0,15); printf(" ");

scanf(" %[^\n]s",&Tmp);

sn=-1;

**for**(i=0;i<na;i++)

{

ASearch (&sn,Tmp,a[i].FirstName,a[i].LastName,i);

}

**if**(sn!=-1)

{

afm:

Menu3AM();

ch3=getch();

system("mode con: cols=65 lines=5");

system("color F0");

**switch**(ch3)

{

**case** 'f':

**case** 'F':

{

Color(0,11);

printf(" Enter the author's First name below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %[^\n]s",&a[sn].FirstName);

}

**break**;

**case** 'l':

**case** 'L':

{

Color(0,11);

printf(" Enter the author's Last name below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %[^\n]s",&a[sn].LastName);

}

**break**;

**case** 'd':

**case** 'D':

{

Color(0,11);

printf(" Enter the author's Day of Birth below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %d",&a[sn].BirthDate.d);

}

**break**;

**case** 'm':

**case** 'M':

{

Color(0,11);

printf(" Enter the author's Month of Birth below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %d",&a[sn].BirthDate.m);

}

**break**;

**case** 'y':

**case** 'Y':

{

Color(0,11);

printf(" Enter the author's Year of Birth below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %li",&a[sn].BirthDate.y);

}

**break**;

**case** 'n':

**case** 'N':

{

Color(0,11);

printf(" Enter the author's Nationality below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %[^\n]s",&a[sn].Nationality);

}

**break**;

**case** 'a':

**case** 'A':

{

Color(0,11);

printf(" Enter the author's Address below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %[^\n]s",&a[sn].Address);

}

**break**;

**case** 'e':

**case** 'E':

{

Color(0,11);

printf(" Enter the author's E-Mail below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %[^\n]s",&a[sn].Email);

}

**break**;

**default**:

{

printf("\a");

**goto** afm;

}

}

menuam1:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

Menu3AM1();

ch4 = getch();

**if** (ch4 != EOF && ch4 == 'r') {**goto** am;}

**else** **if** (ch4 != EOF && ch4 == 'm') {**goto** menu;}

**else** **if** (ch4 != EOF && ch4 == 'e') {**goto** exit;}

**else** {printf("\a"); **goto** menuam1;}

}

**else**

{

menuam2:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

printf("\a");

Menu3AM2();

ch3 = getch();

**if** (ch3 != EOF && ch3 == 'r') {**goto** am;}

**else** **if** (ch3 != EOF && ch3 == 'm') {**goto** menu;}

**else** **if** (ch3 != EOF && ch3 == 'e') {**goto** exit;}

**else** {printf("\a"); **goto** menuam2;}

}

}

**else** **if** (ch2 != EOF && ch2 == 'b')

{

bm:

system("mode con: cols=65 lines=5");

system("color F0");

Color(0,11);

printf(" Enter the book's title in the 'SEARCH BAR', then hit 'Enter'. ");

Color(15,0);printf(" Search \n");

Color(0,11);printf(" "); Color(0,15); printf(" ");

scanf(" %[^\n]s",&Tmp);

sn=-1;

**for**(i=0;i<nb;i++)

{

BSearch (&sn,Tmp,b[i].Title,i);

}

**if**(sn!=-1)

{

bfm:

Menu3BM();

ch3=getch();

system("mode con: cols=65 lines=5");

system("color F0");

**switch**(ch3)

{

**case** 't':

**case** 'T':

{

Color(0,11);

printf(" Enter the books's Title below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %[^\n]s",&b[sn].Title);

}

**break**;

**case** 'c':

**case** 'C':

{

Color(0,11);

printf(" Enter the books's Coast below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %[^\n]s",&b[sn].Coast);

}

**break**;

**case** 'g':

**case** 'G':

{

Color(0,11);

printf(" Enter the books's Genre below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %[^\n]s",&b[sn].Genre);

}

**break**;

**case** 'n':

**case** 'N':

{

Color(0,11);

printf(" Enter the books's Number of Pages below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %d",&b[sn].Pages);

}

**break**;

**case** 'r':

**case** 'R':

{

Color(0,11);

printf(" Enter the books's Release Year below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %d",&b[sn].RlsYear);

}

**break**;

**case** 'p':

**case** 'P':

{

Color(0,11);

printf(" Enter the books's Publishing House below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %[^\n]s",&b[sn].PubHouse);

}

**break**;

**case** 'a':

**case** 'A':

{

Color(0,11);

printf(" Enter the books's Number of Authors below, then hit 'Enter'. \n");

Color(0,15);

**for**(i=0;i<65;i++){printf("%c",v);}

scanf(" %d",&b[sn].AthNbr);

**for**(i=0;i<b[sn].AthNbr;i++)

{

system("mode con: cols=65 lines=2");

system("color F0");

Color(0,11);

Color(15,0);printf(" Author's %d Full name : \n",i+1);

Color(0,15); printf(" ");

scanf(" %[^\n]s",&Tmp);

N=-1;

**for**(j=0;j<na;j++)

{

ASearch (&N,Tmp,a[j].FirstName,a[j].LastName,j);

}

**if**(N=-1)

{

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

printf("\n\n\n\t\t %s wasn't found in our list. Please enter his informations below :");

printf("\n\n\n\t\t\t\t%c First name : ",w);

scanf(" %[^\n]s",&a[na].FirstName);

printf("\n\t\t\t\t%c Last name : ",w);

scanf(" %[^\n]s",&a[na].LastName);

printf("\n\t\t\t\t%c Date of birth :",w);

printf("\n\t\t\t\t\t- Day : ");

scanf(" %d",&a[na].BirthDate.d);

printf("\n\t\t\t\t\t- Month : ");

scanf(" %d",&a[na].BirthDate.m);

printf("\n\t\t\t\t\t- Year : ");

scanf(" %li",&a[na].BirthDate.y);

printf("\n\t\t\t\t%c Nationality : ",w);

scanf(" %[^\n]s",&a[na].Nationality);

printf("\n\t\t\t\t%c Address : ",w);

scanf(" %[^\n]s",&a[na].Address);

printf("\n\t\t\t\t%c E-mail : ",w);

scanf(" %[^\n]s",&a[na].Email);

a[na].ID=IDC;

b[sn].AthID[i]=IDC;

IDC++;

na=na+1;

author\* A = realloc(a, na+1 \* **sizeof**(author));

a = A;

}

**else**

{

b[sn].AthID[i]=a[N].ID;

}

}

}

**break**;

**default**:

{

printf("\a");

**goto** bfm;

}

}

menubm1:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

Menu3BM1();

ch3 = getch();

**if** (ch3 != EOF && ch3 == 'r') {**goto** bm;}

**else** **if** (ch3 != EOF && ch3 == 'm') {**goto** menu;}

**else** **if** (ch3 != EOF && ch3 == 'e') {**goto** exit;}

**else** {printf("\a"); **goto** menubm1;}

}

**else**

{

menubm2:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

printf("\a");

Menu3BM2();

ch3 = getch();

**if** (ch3 != EOF && ch3 == 'r') {**goto** bm;}

**else** **if** (ch3 != EOF && ch3 == 'm') {**goto** menu;}

**else** **if** (ch3 != EOF && ch3 == 'e') {**goto** exit;}

**else** {printf("\a"); **goto** menubm2;}

}

}

**else** **if** (ch2 != EOF && ch2 == 'm') {**goto** menu;}

**else** **if** (ch2 != EOF && ch2 == 'e') {**goto** exit;}

**else** {printf("\a"); system("color 4F"); Sleep(100); **goto** menu2m;}

}

**break**;

**case** 'd':

**case** 'D':{

menu2d:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t",u,u); printf("What Type of elements do you want to DELETE ?"); printf("\t\t\t\t\t\t\t %c%c",u,u);

Menu2();

ch2 = getch();

**if** (ch2 != EOF && ch2 == 'a')

{

ad:

system("mode con: cols=65 lines=5");

system("color F0");

Color(0,11);

printf(" Enter the author's name in the 'SEARCH BAR', then hit 'Enter'. ");

Color(15,0);printf(" Search \n");

Color(0,11);printf(" "); Color(0,15); printf(" ");

scanf(" %[^\n]s",&Tmp);

sn=-1;

**for**(i=0;i<na;i++)

{

ASearch (&sn,Tmp,a[i].FirstName,a[i].LastName,i);

}

**if**(sn!=-1)

{

**for**(i=0;i<nb;i++)

{

**for**(j=0;j<b[i].AthNbr;j++)

{

**if**(a[sn].ID==b[i].AthID)

{

**for**(h=j;h<b[i].AthNbr-1;h++) { N=b[i].AthID[h]; b[i].AthID[h]=b[i].AthID[h+1]; b[i].AthID[h+1]=N; }

b[i].AthNbr=b[i].AthNbr-1;

}

}

}

**for**(i=sn;i<na-1;i++) { AShift(&a[i],&a[i+1]); }

na=na-1;

author\* A = realloc(a, na+1 \* **sizeof**(author));

a = A;

menuad1:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

Menu3AD1();

ch3 = getch();

**if** (ch3 != EOF && ch3 == 'r') {**goto** ad;}

**else** **if** (ch3 != EOF && ch3 == 'm') {**goto** menu;}

**else** **if** (ch3 != EOF && ch3 == 'e') {**goto** exit;}

**else** {printf("\a"); **goto** menuad1;}

}

**else**

{

menuad2:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

printf("\a");

Menu3AD2();

ch3 = getch();

**if** (ch3 != EOF && ch3 == 'r') {**goto** ad;}

**else** **if** (ch3 != EOF && ch3 == 'm') {**goto** menu;}

**else** **if** (ch3 != EOF && ch3 == 'e') {**goto** exit;}

**else** {printf("\a"); **goto** menuad2;}

}

}

**else** **if** (ch2 != EOF && ch2 == 'b')

{

bd:

system("mode con: cols=65 lines=5");

system("color F0");

Color(0,11);

printf(" Enter the book's title in the 'SEARCH BAR', then hit 'Enter'. ");

Color(15,0);printf(" Search \n");

Color(0,11);printf(" "); Color(0,15); printf(" ");

scanf(" %[^\n]s",&Tmp);

sn=-1;

**for**(i=0;i<nb;i++)

{

BSearch (&sn,Tmp,b[i].Title,i);

}

**if**(sn!=-1)

{

**for**(i=sn;i<nb-1;i++) { BShift(&b[i],&b[i+1]); }

nb=nb-1;

book\* B = realloc(b, nb+1 \* **sizeof**(book));

b = B;

menubd1:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

Menu3BD1();

ch3 = getch();

**if** (ch3 != EOF && ch3 == 'r') {**goto** bd;}

**else** **if** (ch3 != EOF && ch3 == 'm') {**goto** menu;}

**else** **if** (ch3 != EOF && ch3 == 'e') {**goto** exit;}

**else** {printf("\a"); **goto** menubd1;}

}

**else**

{

menubd2:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

printf("\a");

Menu3BD2();

ch3 = getch();

**if** (ch3 != EOF && ch3 == 'r') {**goto** bd;}

**else** **if** (ch3 != EOF && ch3 == 'm') {**goto** menu;}

**else** **if** (ch3 != EOF && ch3 == 'e') {**goto** exit;}

**else** {printf("\a"); **goto** menubd2;}

}

}

**else** **if** (ch2 != EOF && ch2 == 'm') {**goto** menu;}

**else** **if** (ch2 != EOF && ch2 == 'e') {**goto** exit;}

**else** {printf("\a"); system("color 4F"); Sleep(100); **goto** menu2d;}

}

**break**;

**case** 'i':

**case** 'I':{

info:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

**for**(i=0;i<112;i++) printf("%c",u);

**for**(i=0;i<4;i++) {printf("\n%c%c\t\t\t\t\t\t\t\t\t\t\t\t\t %c%c",u,u,u,u);}

printf("\n%c%c\t",u,u); printf("What Type of elements are you LOOKING for ?"); printf("\t\t\t\t\t\t\t %c%c",u,u);

Menu2();

ch2 = getch();

**if** (ch2 != EOF && ch2 == 'a')

{

infoa:

Menu3AI();

ch3 = getch();

**if** (ch3 != EOF && ch3 == 's')

{

system("mode con: cols=65 lines=5");

system("color F0");

Color(0,11);

printf(" Enter the book's title in the 'SEARCH BAR', then hit 'Enter'. ");

Color(15,0);printf(" Search \n");

Color(0,11);printf(" "); Color(0,15); printf(" ");

scanf(" %[^\n]s",&Tmp);

sn=-1;

**for**(i=0;i<na;i++)

{

ASearch (&sn,Tmp,a[i].FirstName,a[i].LastName,i);

}

**if**(sn!=-1)

{

af:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

printf("\n\n\n\t\tThese are the %s's informations below :",Tmp);

printf("\n\n\n\t\t\t\t%c First name : %s",w,a[sn].FirstName);

printf("\n\t\t\t\t%c Last name : %s",w,a[sn].LastName);

printf("\n\t\t\t\t%c Date of birth : %02d / %02d / %li ",w,a[sn].BirthDate.d,a[sn].BirthDate.m,a[sn].BirthDate.y);

printf("\n\t\t\t\t%c Nationality : %s",w,a[sn].Nationality);

printf("\n\t\t\t\t%c Address : %s",w,a[sn].Address);

printf("\n\t\t\t\t%c E-mail : %s",w,a[sn].Email);

ch4=getch();

**if** (ch4 != EOF && ch4 == 'b')

{

**for**(i=0;i<nb;i++)

{

**for**(j=0;j<b[i].AthNbr;j++)

{

**if** (a[sn].ID==b[i].AthID[j]) { system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

printf("\n\n\n\n\t\t\t\t%c Title : %s",w,b[i].Title);

printf("\n\t\t\t\t%c Coast : %s",w,b[i].Coast);

printf("\n\t\t\t\t%c Genre : %s",w,b[i].Genre);

printf("\n\t\t\t\t%c Number of Pages : %d",w,b[i].Pages);

printf("\n\t\t\t\t%c Released Year : %d",w,b[i].RlsYear);

printf("\n\t\t\t\t%c Publishing House : %s",w,b[i].PubHouse);

Tmp[0]=getch();

}

}

}

**goto** infoa;

}

**else** **if** (ch4 != EOF && ch4 =='r') {**goto** infoa;}

**else** **if** (ch4 != EOF && ch4 =='m') {**goto** menu;}

**else** **if** (ch4 != EOF && ch4 =='e') {**goto** exit;}

**else** {printf("\a");**goto** af;}

}

**else**

{

naf:

NoAthFnd();

ch4=getch();

**if** (ch4 != EOF && ch4 =='r') {**goto** infoa;}

**else** **if** (ch4 != EOF && ch4 =='m') {**goto** menu;}

**else** **if** (ch4 != EOF && ch4 =='e') {**goto** exit;}

**else** {printf("\a");**goto** naf;}

}

}

**else** **if** (ch3 != EOF && ch3 == 'l')

{

**if**(na==0) {

noa:

NoAuthors();

ch4=getch();

**if** (ch4 != EOF && ch4 =='r') {**goto** infoa;}

**else** **if** (ch4 != EOF && ch4 =='m') {**goto** menu;}

**else** **if** (ch4 != EOF && ch4 =='e') {**goto** exit;}

**else** {printf("\a");**goto** noa;}

}

**else** {

j=0;

p=1;

**if**(na%10==0) np=((int)(na/10));

**else** np=((int)(na/10)) +1;

lista:

system("cls");

**for**(i=j;i<j+10;i++)

{

**if**(i<na) printf("\n\t\t\t\t\t%c %s %s\n",w,a[i].FirstName,a[i].LastName);

**else** printf("\n\n");

}

**if**(p==1 && np>1)

{

printf("\n\t\t\t\t\t\t\t%d / %d\t\t\t\t",p,np);

Color(11,0);

printf(" [N]ext ==> ");

Color(0,11);

}

**else** **if**(p==np && np>1)

{

Color(11,0);

printf("\n\t <== [P]revious ");

Color(0,11);

printf("\t\t\t\t%d / %d\t\t\t\t",p,np);

}

**else** **if**(np==1)

{

printf("\n\t\t\t\t\t\t\t%d / %d\t\t\t\t",p,np);

}

**else**

{

Color(11,0);

printf("\n\t <== [P]revious ");

Color(0,11);

printf("\t\t\t\t%d / %d\t\t\t\t",p,np);

Color(11,0);

printf(" [N]ext ==> ");

Color(0,11);

}

printf("\n\n%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y);

printf(" %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y);

printf(" %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y);

printf("\n%c",u,u); Color (0,10); printf(" 'R' <%c%c%c To RETURN or go back. ",z2,z2,z2); Color(0,11); printf("%c",u);

printf(" %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c",u);

printf(" %c",u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c",u);

printf("\n%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v);

printf(" %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v);

printf(" %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v);

ch4=getch();

**if**(ch4 != EOF && ch4 == 'n' && j < na-10) {j=j+10;p++;**goto** lista;}

**else** **if** (ch4 != EOF && ch4 == 'p' && j != 0) {j=j-10;p--;**goto** lista;}

**else** **if** (ch4 != EOF && ch4 =='r') {**goto** infoa;}

**else** **if** (ch4 != EOF && ch4 =='m') {**goto** menu;}

**else** **if** (ch4 != EOF && ch4 =='e') {**goto** exit;}

**else** {printf("\a");**goto** lista;}

}

}

}

**else** **if** (ch2 != EOF && ch2 == 'b')

{

infob:

Menu3BI();

ch3 = getch();

**if** (ch3 != EOF && ch3 == 's')

{

system("mode con: cols=65 lines=5");

system("color F0");

Color(0,11);

printf(" Enter the book's title in the 'SEARCH BAR', then hit 'Enter'. ");

Color(15,0);printf(" Search \n");

Color(0,11);printf(" "); Color(0,15); printf(" ");

scanf(" %[^\n]s",&Tmp);

sn=-1;

**for**(i=0;i<nb;i++)

{

BSearch (&sn,Tmp,b[i].Title,i);

}

**if**(sn!=-1)

{

bf:

system("cls");

system("mode con: cols=112 lines=28");

system("color B0");

printf("\n\n\n\t\tThe book's informations :");

printf("\n\n\n\t\t\t\t%c Title : %s",w,b[sn].Title);

printf("\n\t\t\t\t%c Coast : %s",w,b[sn].Coast);

printf("\n\t\t\t\t%c Genre : %s",w,b[sn].Genre);

printf("\n\t\t\t\t%c Number of Pages : %d",w,b[sn].Pages);

printf("\n\t\t\t\t%c Released Year : %d",w,b[sn].RlsYear);

printf("\n\t\t\t\t%c Publishing House : %s",w,b[sn].PubHouse);

printf("\n\t\t\t\t%c Authors :",w);

**if**(b[sn].AthNbr==0) { printf("No Author registered !");}

**else**

{

**for**(i=0;i<b[sn].AthNbr;i++)

{

**for**(j=0;j<na;j++)

{

**if**(b[sn].AthID[i]==a[j].ID)

{

printf("\n\t\t\t\t\t- %s %s",a[j].FirstName,a[j].LastName);

}

}

}

}

ch4=getch();

**if** (ch4 != EOF && ch4 =='r') {**goto** infob;}

**else** **if** (ch4 != EOF && ch4 =='m') {**goto** menu;}

**else** **if** (ch4 != EOF && ch4 =='e') {**goto** exit;}

**else** {printf("\a");**goto** bf;}

}

**else**

{

nbf:

NoBookFnd();

ch4=getch();

**if** (ch4 != EOF && ch4 =='r') {**goto** infob;}

**else** **if** (ch4 != EOF && ch4 =='m') {**goto** menu;}

**else** **if** (ch4 != EOF && ch4 =='e') {**goto** exit;}

**else** {printf("\a");**goto** nbf;}

}

}

**else** **if** (ch3 != EOF && ch3 == 'l')

{

**if**(nb==0) {

nob:

NoBooks();

ch4=getch();

**if** (ch4 != EOF && ch4 =='r') {**goto** infob;}

**else** **if** (ch4 != EOF && ch4 =='m') {**goto** menu;}

**else** **if** (ch4 != EOF && ch4 =='e') {**goto** exit;}

**else** {printf("\a");**goto** nob;}

}

**else**

{

j=0;

p=1;

**if**(nb%10==0) np=((int)(nb/10));

**else** np=((int)(nb/10)) +1;

listb:

system("cls");

**for**(i=j;i<j+10;i++)

{

**if**(i<nb) printf("\n\t\t\t\t\t%c %s\n",w,b[i].Title);

**else** printf("\n\n");

}

**if**(p==1 && np>1)

{

printf("\n\t\t\t\t\t\t\t%d / %d\t\t\t\t",p,np);

Color(11,0);

printf(" [N]ext ==> ");

Color(0,11);

}

**else** **if**(p==np && np>1)

{

Color(11,0);

printf("\n\t <== [P]revious ");

Color(0,11);

printf("\t\t\t\t%d / %d\t\t\t\t",p,np);

}

**else** **if**(np<=1)

{

printf("\n\t\t\t\t\t\t\t%d / %d\t\t\t\t",p,np);

}

**else**

{

Color(11,0);

printf("\n\t <== [P]revious ");

Color(0,11);

printf("\t\t\t\t%d / %d\t\t\t\t",p,np);

Color(11,0);

printf(" [N]ext ==> ");

Color(0,11);

}

printf("\n\n%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y);

printf(" %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y);

printf(" %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y,y);

printf("\n%c",u,u); Color (0,10); printf(" 'R' <%c%c%c To RETURN or go back. ",z2,z2,z2); Color(0,11); printf("%c",u);

printf(" %c",u,u,u); Color (15,12); printf(" 'M' <%c%c%c To return to the MENU. ",z2,z2,z2); Color(0,11); printf("%c",u);

printf(" %c",u); Color (15,4); printf(" 'E' <%c%c%c To EXIT LibManager. ",z2,z2,z2); Color(0,11); printf("%c",u);

printf("\n%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v);

printf(" %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v);

printf(" %c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c%c",v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v,v);

ch4=getch();

**if**(ch4 != EOF && ch4 == 'n' && j < nb-10) {j=j+20;p++;**goto** listb;}

**else** **if** (ch4 != EOF && ch4 == 'p' && j != 0) {j=j-20;p--;**goto** listb;}

**else** **if** (ch4 != EOF && ch4 =='r') {**goto** infob;}

**else** **if** (ch4 != EOF && ch4 =='m') {**goto** menu;}

**else** **if** (ch4 != EOF && ch4 =='e') {**goto** exit;}

**else** {printf("\a");**goto** listb;}

}

}

}

**else** **if** (ch2 != EOF && ch2 == 'm') {**goto** menu;}

**else** **if** (ch2 != EOF && ch2 == 'e') {**goto** exit;}

**else** {printf("\a"); system("color 4F"); Sleep(100); **goto** info;}

}

**break**;

**default**:{

printf("\a");

system("color 4F");

Sleep(100);

}

**break**;

}

menu:

system("mode con: cols=112 lines=28");

system("color B0");

Menu1();

ch1=getch();

}

exit:

Exit();

ch1=getch();

**if** (ch1 != EOF && ch1 == 'y') {**goto** end;}

**else** **if** (ch1 != EOF && ch1 == 'n') {**goto** menu;}

**else** {**goto** exit;}

end:

fp = fopen("LM-User\_Data.txt","w");

fprintf(fp,"%d",na);

fprintf(fp," %d",nb);

fprintf(fp," %d",IDC);

**for**(i=0;i<na;i++)

{

fprintf(fp,"\n%d",a[i].ID);

fprintf(fp,"\n%s",a[i].FirstName);

fprintf(fp,"\n%s",a[i].LastName);

fprintf(fp,"\n%d",a[i].BirthDate.d);

fprintf(fp," %d",a[i].BirthDate.m);

fprintf(fp," %li",a[i].BirthDate.y);

fprintf(fp,"\n%s",a[i].Nationality);

fprintf(fp,"\n%s",a[i].Address);

fprintf(fp,"\n%s",a[i].Email);

}

**for**(i=0;i<nb;i++)

{

fprintf(fp,"\n%s",b[i].Title);

fprintf(fp,"\n%s",b[i].Coast);

fprintf(fp,"\n%s",b[i].Genre);

fprintf(fp,"\n%s",b[i].PubHouse);

fprintf(fp,"\n%d",b[i].Pages);

fprintf(fp,"\n%d",b[i].RlsYear);

fprintf(fp,"\n%d",b[i].AthNbr);

**for**(j=0;j<b[i].AthNbr;j++)

{

fprintf(fp,"\n%d",b[i].AthID[j]);

}

}

fclose(fp);

Ending();

**return** 0;

}