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PROGRAM CODE

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SUBMITTED BY:- ASHISH KUMAR

KSHITIJ SAINI

SCHOOL:- OXFORD SR. SEC. SCHOOL

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HEADER FILES USED

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\*/

#include<fstream.h>

#include<conio.h>

#include<stdio.h>

#include<string.h>

#include<dos.h>

#include<stdlib.h>

/\*

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FUNCTIONS USED FOR MAKING THE PROGRAM ATTRACTIVE

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\*/

void conviction(int h, int hh, char goh[],int c=0,int del=21)

{

char ch;

int i,j=0;

randomize();

while(goh[j]!='\0')

{

for(i=0;i<random(25);i++)

{gotoxy(h,hh);

delay(del);

ch=65+random(40);

cout<<ch;}

gotoxy(h,hh);

if(c!=0){textcolor(YELLOW);cprintf("%c",goh[j]);}

else

printf("%c",goh[j]);

j++;h++;

if(h==81)

{h=1;hh++;}

}

}

/\*

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FRONT PAGE - TOPIC

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\*/

void intr()

{

clrscr();

textbackground(BLUE);

textcolor(YELLOW);

conviction(33,5," PROJECT ON \0",1);

gotoxy(33,6);cout<<" ~~~~~~~~~~ ";

conviction(32,8,"HOSPITAL MANAGEMENT \0",1);

gotoxy(32,9);cout<<"~~~~~~~~~~~~~~~~~~~";

delay(500);

cout<<"\n-------------------------------------------------------------------------------";

conviction(2,13," PLEASE WAIT WHILE THE PROGRAM IS LOADING \0",1);

for(int kx=0;kx<=6;kx++)

{

cout<<" . ";

delay(100);

}

delay(600);

for(int xa=0;xa<1;xa++)

{

conviction(30,16," PROGRAM LOADED \0",1);

conviction(30,17,"~~~~~~~~~~~~~~~~~~~~ \0",1);

delay(800);

}

cout<<"\n\n-------------------------------------------------------------------------------";

conviction(4,22," SUBMITTED BY :- \0",1);

delay(2000);

conviction(22,22,"ASHISH KUMAR \0",1);

conviction(22,24,"KSHITIJ SAINI \0",1);

conviction(4,26,"SCHOOL :- Oxford Sr. Sec School",1);

cout<<"\n\n-------------------------------------------------------------------------------";

delay(1500);

cout<<"\n Don't press any key!!"; delay(500);

for(int a=0;a<7;a++)

{

cout<<" . ";

delay(300);

}

conviction(28,31," PROGRAM LOADED \0",1);delay(500);

conviction(28,32,"~~~~~~~~~~~~~~~~~~~~~~ \0",1);delay(500);

}

/\*

########################################################################

CLASS FOR CONTROLLING ALL FUNCTIONS RELATED TO DOCTOR

########################################################################

\*/

class doctor

{

char n[20],q[20],s[20],a[50],p[12],dob[20],doj[20];

public:

void input()

{

cout<<"\n NAME OF DOCTOR:- ";

gets(n);

cout<<"\n ENTER DATE OF BIRTH (DATE/MONTH/YEAR):- ";

gets(dob);

cout<<"\n ENTER THE PHONE NUMBER:- ";

gets(p);

cout<<"\n ENTER THE ADDRESS:- ";

gets(a);

cout<<"\n ENTER THE QUALIFICATION:- ";

gets(q);

cout<<"\n ENTER THE SPECIALISATION:- ";

gets(s);

cout<<"\n ENTER THE DATE OF JOINING THE HOSPITAL(DATE/MONTH/YEAR) :- ";

gets(doj);

}

void output()

{

cout<<"\n\t\t\t DOCTOR DETAILS"<<"\n";

cout<<"\n NAME OF DOCTOR :-"<<n;

cout<<"\n DATE OF BIRTH:- "<<dob;

cout<<"\n PHONE NUMBER:- "<<p;

cout<<"\n ADDRESS:- "<<a;

cout<<"\n QUALIFICATION:- "<<q;

cout<<"\n SPECIALISATION:- "<<s;

cout<<"\n DATE OF JOINING THE HOSPITAL:- "<<doj;

}

char \*retph()

{

return p;

}

char \*retn()

{

return n;

}

};

/\*

########################################################################

FUNCTION FOR ADDING RECORDS OF DOCTOR

########################################################################

\*/

void drwrite()

{

clrscr();

cout<<"\n\t\t\t\t DOCTOR ADD MENU:-";

doctor d;

ofstream fout("d.dat",ios::app|ios::binary);

d.input();

fout.write((char\*)&d,sizeof(doctor));

fout.close();

cout<<"\n\n-------------------------------------------------------------------------------";

cout<<"\n press enter to return back";

getch();

}

/\*

########################################################################

FUNCTION FOR DISPLAYING RECORDS OF DOCTOR

########################################################################

\*/

void drdisplay()

{

clrscr();

int jk=0;

doctor d;

ifstream fin("d.dat",ios::binary);

while(fin.read((char\*)&d,sizeof(d)))

{

jk++;

d.output();

cout<<"\n\n-------------------------------------------------------------------------------";

}

fin.close();

if(jk==0)

{

cout<<"\n you may have just installed this software so";

cout<<"\n\n\t\t\t !!!! there are no records !!!! ";

cout<<"\n\t\t\t please enter some to have an output ";

}

cout<<"\n press enter to return back";

getch ();

}

/\*

########################################################################

FUNCTION FOR DELETING RECORDS OF DOCTOR

########################################################################

\*/

void drdel()

{

clrscr();

char k;

doctor d;

int ml=0;

ifstream fin("d.dat",ios::app|ios::binary);

ofstream fout("t.dat",ios::app|ios::binary);

char m[40];

int flag=0;

gotoxy(30,5);cout<<"DOCTOR DELETE MENU";

gotoxy(30,6);cout<<"~~~~~~~~~~~~~~~~~~";

gotoxy(20,7);

cout<<"ENTER NAME OF THE DOCTOR WHOSE0 RECORD IS TO BE DELETED:- "<<"\n\n\t";

gets(m);

while(fin.read((char\*)&d,sizeof(d)))

{

if(strcmpi(d.retn(),m)==0 )

{

cout<<"\n\t\t !!! RECORD FOUND !!!"<<"\n";delay(500);

flag=1;

d.output();

cout<<"\n\n\t\t WANT TO DELETE THIS RECORD "<<"\n";

cout<<"\n\t\t WARNING: THIS CANT BE UNDONE ";

cout<<"\n\n\t PLEASE PROVIDE INPUT (Y OR N) ";

cin>>k;

if(k=='y' || k=='Y')

{

cout<<"\n\n\t DELETING...";

delay(3000);

cout<<"\n\n\t DELETED :D";

cout<<"\n\n\t PRESS ENTER TO RETURN TO PREVOIUS MENU";

getch();

}

else

{

fout.write((char\*)&d,sizeof(d));

ml++;

}

}

else

fout.write((char\*)&d,sizeof(d));

}

fin.close();

fout.close();

if(flag==0)

{

gotoxy(30,15);cout<<"THERE IS NO DOCTOR WITH THIS NAME";

gotoxy(30,25);cout<<"PRESS ENTER TO RETURN TO MENU";

getch();

}

if (ml==1)

{

cout<<"\n\n\t\t !!!! NO CHANGES HAVE BEEN MADE !!!!";

getch ();

}

remove("d.dat");

rename("t.dat","d.dat");

}

/\*

########################################################################

FUNCTION FOR UPDATING RECORDS OF DOCTOR

########################################################################

\*/

void drupdate()

{

clrscr();

fstream f("d.dat",ios::in|ios::ate|ios::app|ios::binary);

ofstream fout("k.dat",ios::ate|ios::binary);

doctor d;

char s[40],flag=0;

gotoxy(30,5);cout<<"DOCTOR UPDATE MENU";

gotoxy(30,6);cout<<"~~~~~~~~~~~~~~~~~~";

gotoxy(17,10);cout<<"Enter The Name OfDoctor Whose Record Is To Be Updated:- ";

cout<<"\n\t";

gets(s);

f.seekp(0,ios::beg);

while(f.read((char\*)&d,sizeof (d)))

{

if(strcmpi(d.retn(),s)==0)

{

flag=1;

gotoxy(34,13);cout<<"!!RECORD FOUND!!";

delay(500);

d.output();

cout<<"\n\n\t Press Enter To Add New Informaion";

getch();

cout<<"\n NEW INFOMATION";

cout<<"\n --------------"<<"\n";

d.input();

cout<<"\n\n\t\t Updating....";

delay(2000);

cout<<"\n\n\t\t UPDATED!!";

}

fout.write((char\*)&d,sizeof(d));

}

if(flag==0)

{

gotoxy(43,13);cout<<"There Is No Doctor With This Name";

}

f.close();

fout.close();

remove("d.dat");

rename("k.dat","d.dat");

cout<<"\n\n\t\t press enter to return to menu";

getch();

}

/\*

########################################################################

FUNCTION FOR SEARCHING RECORDS OF DOCTOR

########################################################################

\*/

void drsearch()

{

clrscr();

char p[40],phone[12];

doctor d;

ifstream fin;

int ch,flag=0;

do

{

clrscr();

gotoxy(27,5);cout<<"DOCTOR SEARCH MENU";

gotoxy(27,6);cout<<"~~~~~~~~~~~~~~~~~~";

gotoxy(23,8);cout<<"1. SEARCH BY NAME";

gotoxy(23,9);cout<<"2. SEARCH BY PHONE NUMBER";

gotoxy(23,10);cout<<"3. RETURN TO MAIN MENU";

cout<<"\n\n-------------------------------------------------------------------------------";

gotoxy(23,20);cout<<"\* ENTER YOUR CHOICE:- ";

cin>>ch;

switch(ch)

{

case 1:clrscr();

gotoxy(31,6);cout<<"ENTER THE NAME:- ";

gets(p);

gotoxy(33,10);cout<<"SEARCHING....";

delay(2000);

fin.open("d.dat",ios::binary);

while(fin.read((char\*)&d,sizeof (d)))

{

if(strcmpi(d.retn(),p)==0)

{

flag=1;

gotoxy(49,10);cout<<"FOUND!!";

gotoxy(29,16);cout<<"Press Enter To See Record";

getch();

d.output();

getch();

}

}

if(flag==0)

{

gotoxy(26,14);cout<<"There Is No Doctor With This Name";

gotoxy(28,24);cout<<"press enter to return to menu";

getch();

}

fin.close();

break;

case 2:clrscr();

gotoxy(31,6);cout<<"ENTER THE PHONE NUMBER:-";

gets(phone);

gotoxy(33,10);cout<<"SEARCHING....";

delay(2000);

fin.open("d.dat",ios::binary);

while(fin.read((char\*)&d,sizeof (d)))

{

if(strcmpi(d.retph(),phone)==0)

{

flag=1;

gotoxy(49,10);cout<<"\n !!FOUND!!";

gotoxy(29,16);cout<<"\n Press Enter To See Record"<<"\n\t\n";

getch();

d.output();

getch();

}

}

if(flag==0)

{

gotoxy(26,14);cout<<"There Is No Doctor With This Phone Number";

gotoxy(28,24);cout<<"press enter to return to menu";

getch();

}

fin.close();

break;

}

}while(ch!=3);

}

/\*

########################################################################

FUNCTION FOR CONTROLING ALL FUNCTIONS RELATED TO DOCTOR

########################################################################

\*/

void drmenu()

{

int c;

doctor d;

do

{

clrscr();

gotoxy(27,5);cout<<"DOCTORS MENU";

gotoxy(27,6);cout<<"~~~~~~~~~~~~~";

gotoxy(23,8);cout<<"1. ADD DOCTOR INFOMATION";

gotoxy(23,9);cout<<"2. DISPLAY DOCTORS INFOMATION";

gotoxy(23,10);cout<<"3. DELETE DOCTOR INFOMATION";

gotoxy(23,11);cout<<"4. UPDATE DOCTOR INFOMATION ";

gotoxy(23,12);cout<<"5. SEARCH DOCTOR INFOMATION";

gotoxy(23,13);cout<<"6. EXIT";

cout<<"\n\n-------------------------------------------------------------------------------";

gotoxy(23,18);cout<<"\* ENTER YOUR CHOICE:- ";

cin>>c;

switch(c)

{

case 1:drwrite();break;

case 2:drdisplay();break;

case 3:drdel();break;

case 4:drupdate();break;

case 5:drsearch();break;

case 6:break;

}

}while(c!=6);

}

/\*

########################################################################

FUNCTION FOR PASSWORD FOR THE PROGRAM

########################################################################

\*/

char Password()

{

clrscr ();

int i=0;

char pass[]="thisisit",h[15];

gotoxy(30,16);cout<<"Enter The Password : ";

while(1)

{

char ch;

int x=random(40)+random(-10);

h[i]=getch();

if(h[i]!=8)

{

ch=h[i]+x;

if(h[i]==13 || h[i]==27)

break;

i++;

cout<<ch;

}

else

{

i--;

cout<<" ";

}

}

h [i]='\0';

if(strcmpi(pass,h)==0)

{

cout<<"\n\n\n-------------------------------------------------------------------------------";

gotoxy(28,84);cout<<"\n \n \t \t \t CORRECT ! Entry Allowed!!";

delay(2000);

return 'X';

}

else

{

cout<<"\n\n\n-------------------------------------------------------------------------------";

gotoxy(32,92); cout<<"\n \n \t \t \t WRONG PASSWORD!! ENTRY REJECTED";

gotoxy(32,92); cout<<" \n \n \t \t \t Press enter and try again ";

getch();

return 'Y';

}

}

/\*

########################################################################

FUNCTION FOR THOUGHT OF EXECUTION OF PROGRAM

########################################################################

\*/

void EXE()

{

clrscr();

cout<< "\n\t\t\tTHOUGHT OF THE EXECUTION";

cout<< "\n\t\t\t~~~~~~~~~~~~~~~~~~~~~~~~\n\n\n";

randomize();

int i = random(7);

delay(80);

if(i==0)

conviction(1,5," You can do anything, but not everything. -David Allen \0");

if(i==1)

conviction(1,5," Education is not filling of a pail, but the lightning of a fire. -W.B.Yeats\0");

if(i==2)

conviction(1,5," The roots of EDUCATION are bitter but the fruit is sweet. -Aristotle\0");

if(i==3)

conviction(1,5," The only soursce of knowledge is experience. -Albert Einstein\0");

if(i==4)

conviction(1,5," The best thing about future is that it comes one day at a time.-Abraham Lincoin\0");

if(i==5)

conviction(1,5," Time is Money. -Benjamin Franklin\0");

if(i==6)

conviction(1,5," \The difference between stupidity and genius is that genius has its limit. -Albert Einstein\0");

delay(1500);

conviction(3,10," The Program will exit now ");

delay(500);

for(int D=0;D<4;D++)

{cout<<". "; delay(444);}

delay(2000);

exit(1);

}

/\*

########################################################################

CLASS FOR CONTROLLING ALL FUNCTIONS RELATED TO PATIENTS

########################################################################

\*/

class patient

{

char n[20],g[20],a[20],i[50],r[42],d[50],pdob[20],pdov[20];

public:

void pinput()

{

cout<<"\n NAME OF PATIENT:- ";

gets(n);

cout<<"\n ENTER THE GENDER:- ";

gets(g);

cout<<"\n ENTER THE AGE:- ";

gets(a);

cout<<"\n ENTER DATE OF BIRTH (DATE/MONTH/YEAR):- ";

gets(pdob);

cout<<"\n ENTER THE DISEASE:- ";

gets(d);

cout<<"\n ENTER THE DATE OF VISIT TO THE HOSPITAL(DATE/MONTH/YEAR):- ";

gets(pdov);

cout<<"\n ENTER THE PHONE NUMBER :- ";

gets(i);

cout<<"\n ENTER THE NAME OF DOCTOR IN-CHARGE:- ";

gets(r);

}

void poutput()

{

cout<<"\n\t\t\t\t PATIENT DETAILS \n";

cout<<"\n NAME OF PATIENT:- "<<n;

cout<<"\n GENDER:- "<<g;

cout<<"\n AGE:- "<<a;

cout<<"\n DATE OF BIRTH (DATE/MONTH/YEAR):- "<<pdob;

cout<<"\n DISEASE:- "<<d;

cout<<"\n DATE OF VISIT TO THE HOSPITAL(DATE/MONTH/YEAR):- "<<pdov;

cout<<"\n PHONE NUMBER:- "<<i;

cout<<"\n DOCTOR IN-CHARGE:- "<<r;

}

char \*retpho()

{

return i;

}

char \*retna(){

return n;

}

};

/\*

########################################################################

FUNCTION FOR ADDING RECORDS OF PATIENT

########################################################################

\*/

void pwrite()

{

clrscr();

cout<<"\n\n\t\t\t\t PATIENT ADD MENU:-"<<"\n";

patient p;

ofstream fout("p.dat",ios::app|ios::binary);

p.pinput();

fout.write((char\*)&p,sizeof(p));

cout<<"\n\n-------------------------------------------------------------------------------";

cout<<"\n press enter to return back";

fout.close();

getch ();

}

/\*

########################################################################

FUNCTION FOR DISPLAYING RECORDS OF PATIENT

########################################################################

\*/

void pdisplay()

{

clrscr ();

int c=0;

cout<<"\n\n\t\t\t\t !!!! DISPLAY !!!!"<<"\n\n";

patient p;

ifstream fin("p.dat",ios::binary);

while(fin.read((char\*)&p,sizeof(p)))

{

c++;

p.poutput();

cout<<"\n\n-------------------------------------------------------------------------------";

}

fin.close();

if (c==0)

{

cout<<"\n\t you may have installed new software"<<"\n\t so you should first add some data to have a display";

}

cout<<"\n Press Enter To Continue..";

getch ();

}

/\*

########################################################################

FUNCTION FOR DELETING RECORDS OF PATIENT

########################################################################

\*/

void pdel()

{

clrscr();

char kx;

patient p;

ifstream fin("p.dat",ios::binary);

ofstream fout("s.dat",ios::app|ios::binary);

char m[40];

int flag=0,kshaz=0;

gotoxy(30,5);cout<<"PATIENT DELETE MENU";

gotoxy(30,6);cout<<"~~~~~~~~~~~~~~~~~~";

gotoxy(20,7);cout<<"ENTER NAME OF PATIENT WHOSE RECORD IS TO BE DELETED "<<"\n\n\t\t";

gets(m);

while(fin.read((char\*)&p,sizeof(p)))

{

if(strcmpi(p.retna(),m)==0 )

{

flag=1;

cout<<"\n\t\t\t !!! RECORD FOUND !!! "<<"\n";delay(500);

p.poutput();

cout<<"\n\n\t\t WANT TO DELETE THIS RECORD ";

cout<<"\n\n\t\t WARNING : ONCE DELETED CANNOT BE RETRIEVED !!!";

cout<<"\n\n PLEASE PROVIDE INPUT (Y OR N)";

cout<<"\n\n\t\t\t\t";

cin>>kx;

if(kx=='y' || kx=='Y')

{

cout<<"\n\n\t DELETING . .";

delay(2000);

cout<<"\n\n\t\t !!! DELETED !!!";

cout<<"\n\n\t PRESS ENTER TO RETURN TO PREVIOUS MENU ";

getch ();

}

else

{

fout.write((char\*)&p,sizeof(p));

kshaz++;

}

}

else

{

fout.write((char\*)&p,sizeof(p));

}

}

fin.close();

fout.close();

if(flag==0)

{

gotoxy(30,15);cout<<"THERE IS NO DOCTOR WITH THIS NAME";

gotoxy(30,25);cout<<"PRESS ENTER TO RETURN TO MENU";

getch();

}

if(kshaz==1)

{

cout<<"\n\t\t\t\t !!! NO CHANGES HAVE BEEN MADE";

getch ();

}

remove("p.dat");

rename("s.dat","p.dat");

}

/\*

########################################################################

FUNCTION FOR UPDATING RECORDS OF PATIENT

########################################################################

\*/

void pupdate()

{

clrscr();

fstream f("p.dat",ios::in|ios::ate|ios::app|ios::binary);

ofstream fout("t.dat",ios::binary);

patient p;

char s[40],flag=0;

gotoxy(30,5);cout<<"PATIENT UPDATE MENU";

gotoxy(30,6);cout<<"~~~~~~~~~~~~~~~~~~";

gotoxy(17,10);cout<<"Enter The Name Of Patient Whose Record Is To Be Updated ";

cout<<"\n\t";

gets(s);

f.seekp(0,ios::beg);

while(f.read((char\*)&p,sizeof (p)))

{

if(strcmpi(p.retna(),s)==0)

{

flag=1;

cout<<"\n RECORD FOUND!!";

delay(500);

p.poutput();

cout<<"\n\n\t Press Enter To Add New Informaion";

getch();

cout<<"\n\t\t\t\t NEW INFOMATION";

cout<<"\n\t\t\t\t --------------";

cout<<"\n";

p.pinput();

cout<<"\n\t\t Updating....";

delay(2000);

cout<<"\n\n\t\t !!UPDATED!!";

cout<<"\n\n press enter to return to menu";

getch();

}

fout.write((char\*)&p,sizeof(p));

}

if(flag==0)

{

cout<<"\n\n\t\t\t\t There Is No Patient With This Name";

gotoxy(25,17);cout<<"press enter to return to menu";

getch();

}

f.close();

fout.close();

remove("p.dat");

rename("t.dat","p.dat");

}

/\*

########################################################################

FUNCTION FOR SEARCHING RECORDS OF PATIENT

########################################################################

\*/

void psearch()

{

clrscr();

char w[40],phone[12];

patient p;

ifstream fin;

int ch,flag=0;

do

{

clrscr();

gotoxy(27,5);cout<<"PATIENT SEARCH MENU";

gotoxy(27,6);cout<<"~~~~~~~~~~~~~~~~~~";

gotoxy(23,8);cout<<"1. SEARCH BY NAME";

gotoxy(23,9);cout<<"2. SEARCH BY PHONE NUMBER";

gotoxy(23,10);cout<<"3. RETURN TO MAIN MENU";

cout<<"\n\n-------------------------------------------------------------------------------";

gotoxy(23,20);cout<<"\* ENTER YOUR CHOICE:- ";

cin>>ch;

switch(ch)

{

case 1:clrscr();

gotoxy(31,6);cout<<"ENTER THE NAME";

gets(w);

gotoxy(33,10);cout<<"SEARCHING";

for(int kl=0;kl<=7;kl++)

{

cout<<" . " ;

delay(100);

}

fin.open("p.dat",ios::binary);

while(fin.read((char\*)&p,sizeof (p)))

{

if(strcmpi(p.retna(),w)==0)

{

flag=1;

gotoxy(49,10);cout<<" !!FOUND!!";

gotoxy(29,16);cout<<"Press Enter To See Record";

getch();

p.poutput();

getch();

}

}

if(flag==0)

{

gotoxy(26,14);cout<<"There Is No Doctor With This Name";

gotoxy(28,24);cout<<"press enter to return to menu";

getch();

}

fin.close();

break;

case 2:clrscr();

gotoxy(31,6);cout<<"ENTER THE PHONE NUMBER";

cin>>phone;

gotoxy(33,10);cout<<"SEARCHING....";

delay(2000);

fin.open("p.dat",ios::binary);

while(fin.read((char\*)&p,sizeof (p)))

{

if(strcmpi(p.retpho(),phone)==0)

{

flag=1;

gotoxy(49,10);cout<<"FOUND!!";

gotoxy(29,16);cout<<"Press Enter To See Record";

getch();

p.poutput();

getch();

}

}

if(flag==0)

{

gotoxy(26,14);cout<<"There Is No Doctor With This Phone Number";

gotoxy(28,24);cout<<"press enter to return to menu";

getch();

}

fin.close();

break;

}

}while(ch!=3);

}

/\*

########################################################################

FUNCTION FOR CONTROLING ALL FUNCTIONS RELATED TO PATIENTS

########################################################################

\*/

void pmenu()

{

int c;

patient p;

do

{

clrscr();

gotoxy(27,5);cout<<"PATIENTS MENU";

gotoxy(27,6);cout<<"~~~~~~~~~~~~~";

gotoxy(23,8);cout<<"1. ADD PATIENT INFOMATION";

gotoxy(23,9);cout<<"2. DISPLAY PATIENT INFOMATION";

gotoxy(23,10);cout<<"3. DELETE PATIENT INFOMATION";

gotoxy(23,11);cout<<"4. UPDATE PATIENT INFOMATION ";

gotoxy(23,12);cout<<"5. SEARCH PATIENT INFOMATION";

gotoxy(23,13);cout<<"6. EXIT";

cout<<"\n\n-------------------------------------------------------------------------------";

gotoxy(23,18);cout<<"\* ENTER YOUR CHOICE:- ";

cin>>c;

switch(c)

{

case 1:pwrite();break;

case 2:pdisplay();break;

case 3:pdel();break;

case 4:pupdate();break;

case 5:psearch();break;

case 6:break;

}

}while(c!=6);

}

/\*

########################################################################

FUNCTION FOR GIVING THE INTRODUCTION OF HOSPITAL

########################################################################

\*/

void intro()

{

clrscr();

cout<<"\n-------------------------------------------------------------------------------";

gotoxy(16,5);cout<<"The SANDHU LIFECARE HOSPITAL was setup in year 1996"<<endl;delay(1500);

gotoxy(10,7);cout<<"by Mrs. Santosh Devi in association with the Red Cross Society."<<endl;delay(800);

gotoxy(13,9);cout<<"There are various branches in different parts of the country"<<endl;delay(800);

gotoxy(1,11);cout<<"the very first branch was setup at Janak Puri, Delhi by the founder Chairperson."<<endl;delay(800);

gotoxy(6,13);cout<<"All branches are approved by the Home Ministry of the respective"<<endl;delay(800);

gotoxy(3,15);cout<<"state and the head branch is recognised by the Home Ministry, Central Govt."<<endl;delay(800);

gotoxy(15,17);cout<<"The hospital provides internship of 4 years also."<<endl;delay(800);

cout<<"\n-------------------------------------------------------------------------------";

cout<<" \* press enter to return back";

getch();

}

/\*

########################################################################

FUNCTION FOR THE MENU OF THE HOSPITAL

########################################################################

\*/

void menu()

{

char ch;

do

{

delay(1000);

clrscr();

int ks=0;

cout<<" \n \n \n \n";

gotoxy(20,5);cout<<" SANDHU LIFECARE HOSPITAL \0";

gotoxy(20,6);cout<<" ~~~~~~~~~~~~~~~~~~~~~~~~~~ \0";

gotoxy(20,7);cout<<" WELCOMES YOU \0";

gotoxy(20,8);cout<<" ~~~~~~~~~~~~~~ \0";

gotoxy(31,9);cout<<"1. ABOUT THE HOSPITAL \0";

gotoxy(31,10);cout<<"2. ABOUT THE PATIENTS";

gotoxy(31,11);cout<<"3. ABOUT THE DOCTORS \0";

gotoxy(31,12);cout<<"4. EXIT \0";

cout<<"\n\n-------------------------------------------------------------------------------";

gotoxy(31,16);cout<<"\* ENTER YOUR CHOICE:- \0";

ch=getche();

switch(ch)

{

case '1':intro();break;

case '2':pmenu();break;

case '3':drmenu();break;

case '4':EXE();break;

}

}while(ch!=4);

}

/\*

########################################################################

MAIN OF THE PROGRAM

########################################################################

\*/

void main ()

{

clrscr ();

textbackground(BLUE);

textcolor(YELLOW);

intr();

int i;

char k;

for(i=1;i<=3;i++)

{

k=Password();

if(k=='X')

{

menu();

break;

}

if(i==3)

{

cout<<"\n ";

cout<<"\n you are not an authorised user ";

cout<<"\n \n the program will now exit";

getch ();

EXE ();

}

}

}

/\*

########################################################################

THE END

########################################################################

\*/