#include<iostream>

#include<string>

#include<stdlib.h>

#include<fstream>

#include<windows.h>

#include<stdio.h>

#include<string.h>

#include<conio.h>

#include<unistd.h>

#include<time.h>

#include<iomanip>

using namespace std;

int wholecheck=0;

int counter1=0,counter;

fstream fin,fout,fturndoc,ftemp,fadmin,fcross,fsum;

class problems;

class Login;

class diabetes

{

int id;

char name[200];

int age;

float height;

float weight;

char sex;

long long int phn;

public:

friend class doctor;

friend class problems;

friend class Login;

friend class adminstration;

friend class patient;

void twist(); //after thinking a lot i decided;

void welcome();

void enterdata();

void doctorlist();

void test();

void totaltest();

void search();

void deldata();

void prereport();

void aboutme();

void admin();

void reply();

void setlock();

void queries();

int report();

int display(int,int);

void showqu();

void update();

void adminre();

void patientlogin();

void treatrecord();//left

}mainobj;

class Login

{

public:

friend class doctors;

friend class problems;

friend class diabetes;

void password();

}passo;

class doctor

{

public:

friend class diabetes;

int id;

int idofdoc;

struct date

{

int d,m,y;

}st;

}docp;

class problems

{

public:

friend class diabetes;

int id,vision,thirst,hunger,furine;//furine=urine frequency//

char bg[2];

int headche,fatigue;

char fam,weight;

char food;

float sugarlevel;

float blpressurenum,blpressuredem;

float bloodcount;

float glucoselevel;

float glucose1;

}objp;

class bill

{

friend class doctor;

friend class problems;

friend class Login;

friend class adminstration;

friend class patient;

public:

int id;

int billid;

int sum;

enum fee{Thakur=1000,Grover=1500,Chawla=1500,Joradan=2000,JazzyB=3000};

void total();

}bobj;

class patient

{

public:

friend class problems;

friend class diabetes;

friend class quick;

friend class doctor;

int buyid;

void updatemine();

void buy();

void medicare();

void diseaselevel();

void seem();

void complaints();

void docchange();

char comp[2000];

char send[2000];

}pa;

class adminstration

{

private:

int id; //patientid

int stid; //staffid

char name[30]; //staffname

char dname[30]; //doctorname 1st thought of in doctorlist but failed

int did; //doctor id

long long int phna;

char userid[30]; //staff user id

char password[30]; //password staff

public:

int medid; //medicine id

char medicines[300]; //medicine name

float medprice; //price

char re[200];

friend class problems;

friend class diabetes;

friend class doctor;

friend class paitent;

void stpassword();

void medi(); //medicine name provider along price

void calcbill(); //along with medicines and doctor fees if no medi then only that

void adddoc(); //junior doctors

void adminsi();

void count();

void duty();

void complains();

void msgs();

//class risk

//{

// public:

//};

}admino;

class discuss

{

public:

friend class diabetes;

friend class doctors;

friend class patient;

friend class problems;

friend class adminstration;

int id;

char name[20];

char reply[200000];

char input[200000];

}q;

class finalreport

{

public:

friend class diabetes;

friend class doctors;

friend class patient;

friend class problems;

int id; // to detect

char dbresult; //level

}freport;

class quick

{

char name[300];

int gid;

int age;

float sugar;

float weight;

float bodytemp;

int mchoice;

void buy();

public:

friend class diabetes;

friend class patient;

quick()

{

char ch;

system("cls");

char chwer[]={"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n"};

int l=strlen(chwer);

int kk;

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer[kk];

}

char chwer1[]={"++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++\n\n\n"};

l=strlen(chwer1);

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer1[kk];

}

char chwer2[]={"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n"};

l=strlen(chwer2);

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer2[kk];

}

cout<<"\n\n Enter the name : ";

fflush(stdin);

gets(name);

srand((time(NULL)));

gid=rand()%1161400+200000;

cout<<"\n\n ID Generated : ";

cout<<gid;

cout<<"\n\n Enter Age : ";

cin>>age;

cout<<"\n\n Do you Symptons like becoming//having :\n\n 1>THIRSTY 2>Weight Loss 3>Fatigueness 4>Vision Problem 5>Frequent Urine 6>Increased Hunger ??\n\n";

cout<<" Enter Y for Yes : ";

cin>>ch;

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

cout<<"\n\n You may have the chances of diabetes, as Because these are the key symptons of it!!";

else

cout<<"\n\n You may not have the diabetes but it is still not sure!!";

cout<<"\n\n Let the nurse take your blood sample ";

sleep(2);

cout<<"\n\n Please Wait Taking Blood Sample ";

sleep(2);

cout<<"\n\n Analyzing Blood Samples ";

sleep(2);

cout<<"\n\n Thanks for being paitent ";

sleep(2);

cout<<"\n\n TEST INITIALIZED : ";

cout<<"\n\n Enter the weight : ";

cin>>weight;

cout<<"\n\n Enter the glucometer readings : ";

cin>>sugar;

cout<<"\n\n Enter the body temperature : ";

cin>>bodytemp;

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

cout<<"\t\t\t\t\t\t\t\t\t Generating Report ";

cout<<"\n\n Analyzing Symtons ";

sleep(1);

cout<<"\n\n Analyzing Blood Sample ";

sleep(1);

cout<<"\n\n Analyzing Body temperature ";

sleep(1);

cout<<"\n\n Getting things done ";

sleep(2);

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

cout<<"\t\t\t\t\t\t\t\t\t\tREPORT";

cout<<"\n\n Name : "<<name;

cout<<"\n\n Age : "<<age;

cout<<"\n\n Weight : "<<weight;

cout<<"\n\n Body Temp : "<<bodytemp;

cout<<"\n\n";

int blood;

srand(time(NULL));

blood=rand()%1+7;

if(blood==1)

{

cout<<" Blood Group : "<<" A+ ";

}

else if(blood==2)

{

cout<<" Blood Group : "<<" A-";

}

else if(blood==3)

{

cout<<" Blood Group : "<<" B+";

}

else if(blood==4)

{

cout<<" Blood Group : "<<" B-";

}

else if(blood==5)

{

cout<<" Blood Group : "<<" O+";

}

else if(blood==6)

{

cout<<" Blood Group : "<<" O-";

}

else if(blood==7)

{

cout<<" Blood Group : "<<" AB+";

}

else if(blood==8)

{

cout<<" Blood Group : "<<" AB-";

}

else

{

cout<<" Blood Group : "<<" O+";

}

float bloodcount;

srand(time(NULL));

bloodcount=rand()%4000+10000;

if(bloodcount<4500)

{

cout<<"\n\n Blood Count : Low -> "<<bloodcount;

}

else if(bloodcount>=4500 && bloodcount<10000)

{

cout<<"\n\n Blood Count : High -> "<<bloodcount;

}

float ha;

srand(time(NULL));

ha=rand()%10+9;

if(ha>=12 && ha<16)

cout<<"\n\n Hameogloblin level -> Normal : "<<ha<<" grams per deciliter";

if(ha<12)

cout<<"\n\n Hameogloblin level -> LOW : "<<ha<<" grams per deciliter";

if(ha>16)

cout<<"\n\n Hameogloblin level -> : "<<ha<<" grams per deciliter";

float cholestrol;

srand(time(NULL));

cholestrol=rand()%25+100;

if(cholestrol<=100)

cout<<"\n\n Cholesrtrol -> IDEAL -> "<<cholestrol<<" mg/dl";

else if(cholestrol>100 && cholestrol<=129)

cout<<"\n\n Cholestrol -> Close to Ideal -> "<<cholestrol<<" mg/dl";

else if(cholestrol>=130 && cholestrol<=159)

cout<<"\n\n Cholesrtrol -> Borderline -> "<<cholestrol<<" mg/dl";

else if(cholestrol>=160 && cholestrol<=189)

cout<<"\n\n Cholesrtrol -> High -> "<<cholestrol<<" mg/dl";

else if(cholestrol>=190 && cholestrol<=240)

cout<<"\n\n Cholesrtrol -> Highly Dangerous -> "<<cholestrol<<" mg/dl";

if(sugar>=5.00 && sugar<=7.5)

cout<<"\n\n Normal Sugar Level : ->No signs of Diabetes till now ";

else if(sugar>7.5 && sugar<8.5)

cout<<"\n\n High Sugar Level : Diabetes Level 1 :->May led to heart stroke ";

else if(sugar>=8.5)

cout<<"\n\n High Sugar Level : Diabetes Level 2 :->Can led to heart attack ";

else

cout<<"\n\n Low Sugar Level : ";

cout<<"\n\n This is on the basis of a simple test only please take appointment from doctor for much more and clear understanding and for complete treatment\n\n";

cout<<"\n\n Generating Medicine Suggestions ";

sleep(5);

if(sugar>7.5 && sugar<8.5)

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

cout<<"\t\t\t\t\t\t\t\t\t\tMedicines";

cout<<"\n\n 1. NovoLog \n\n 2. Novolin \n\n 3. Humulin \n\n 4. Humalog \n\n 5. Apidra \n\n";

srand(time(NULL));

mchoice=rand()%4+1;

cout<<"\n\n YOU CAN TAKE ANY OF THESE BUT ITS BETTER IF YOU TAKE OPTION : "<<mchoice;

cout<<"\n\n Suggested Medicine : ";

if(mchoice==1)

cout<<"Novolog";

else if(mchoice==2)

cout<<"Novolin";

else if(mchoice==3)

cout<<"Humulin";

else if(mchoice==4)

cout<<"Humalog";

else if(mchoice==5)

cout<<"Apidra";

cout<<"\n\n Take 2 tablets Per day after meal";

cout<<" \n\n Before Buying We would like you to take full test ";

cout<<" If you want to buy you can buy Press Y ";

cout<<" Your Choice : ";

char ch2;

cin>>ch2;

if(ch2=='Y'||ch=='y')

buy();

else

mainobj.twist();

}

else if(sugar>=8.5)

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

cout<<"\t\t\t\t\t\t\t\t\t\tMedicines";

cout<<"\n\n 1. Precose \n\n 2. Miglitol \n\n 3. Kazano \n\n 4. Glucovance \n\n 5. Actoplus \n\n";

srand(time(NULL));

mchoice=rand()%4+1;

cout<<"\n\n YOU CAN TAKE ANY OF THESE BUT ITS BETTER IF YOU TAKE OPTION : "<<mchoice;

cout<<"\n\n Suggested Medicine : ";

if(mchoice==1)

cout<<"Precose";

else if(mchoice==2)

cout<<"Miglitol";

else if(mchoice==3)

cout<<"Kazano";

else if(mchoice==4)

cout<<"Glucovance";

else if(mchoice==5)

cout<<"Actoplus";

cout<<"\n\n Take 2 tablets Per day after meal";

cout<<" \n\n Before Buying We would like you to take full test ";

cout<<" If you want to buy you can buy Press Y ";

cout<<" Your Choice : ";

char ch2;

cin>>ch2;

if(ch2=='Y'||ch=='y')

buy();

else

mainobj.twist();

}

else

{

cout<<" No Medicine Required But keep Good Health and Diet";

}

}

};

class diet

{

public:

diet()

{

system("cls");

char chwer[]={"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n"};

int l=strlen(chwer);

int kk;

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer[kk];

}

char chwer1[]={"++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++\n\n\n"};

l=strlen(chwer1);

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer1[kk];

}

char chwer2[]={"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n"};

l=strlen(chwer2);

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer2[kk];

}

char name[300],ch;

cout<<"\n\n Enter Your Name Please : ";

fflush(stdin);

gets(name);

cout<<"\n\n Enter weather you have diabetes or not(Y/N) ? ";

cout<<"\n\n Your Choice : ";

cin>>ch;

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

{

cout<<" Special Diet is to be followed !!";

cout<<"\n\n Here We Go";

sleep(1);cout<<"\n\n1\t\t";sleep(1);cout<<"2\t\t";sleep(1);cout<<"3\t\t";

system("cls");

char chwer[]={"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n"};

l=strlen(chwer);

int kk;

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer[kk];

}

char chwer1[]={"++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++\n\n\n"};

l=strlen(chwer1);

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer1[kk];

}

char chwer2[]={"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n"};

l=strlen(chwer2);

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer2[kk];

}

cout<<"\n\n Healthy fats from nuts, olive oil, fish oils\n\n flax seeds, or avocados Fruits and vegetables—ideally fresh\n\n the more colorful the better\n\n whole fruit rather than juices High-fiber cereals and breads made from whole grains or legumes Fish and shellfish\n\n organic chicken or turkey\n\n High-quality protein such as eggs, beans, low-fat dairy, and unsweetened yogurt";

cout<<"\n\n";

cout<<" Brown or wild rice, riced cauliflower\n\n Sweet potatoes, yams, cauliflower mash \n\n Whole-wheat pasta, spaghetti squash \n\n High-fiber, low-sugar cereal \n\n Steel-cut or rolled oats";

cout<<"\n\n";

}

else

{

cout<<"\n\n You can continue your normal diet : ";

}

sleep(8);

mainobj.twist();

}

};

void Login::password()

{

system("cls");

int i;

char alogin[8],apassword[13];

char login[]="Sujith";

char pass[]="123";

char iot;

iot=getch();

system("cls");

char chwer[]={"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n"};

int l=strlen(chwer);

int kk;

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer[kk];

}

char chwer1[]={"++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++\n\n\n"};

l=strlen(chwer1);

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer1[kk];

}

char chwer2[]={"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n"};

l=strlen(chwer2);

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer2[kk];

}

char take[]={"\n\n Enter Login\_id: "};

int d1=strlen(take);

for(kk=0;kk<d1;kk++)

{

Sleep(15);

cout<<take[kk];

}

char a;

cin>>alogin;

if(strcmp(alogin,login)==0)

{

char take1[]={"\n\n Enter Password: "};

d1=strlen(take1);

for(kk=0;kk<=d1;kk++)

{

Sleep(15);

cout<<take1[kk];

}

for(i=0;i<13;i++)

{

a=getch();

if(a==13)

break;

else if(a==8)

{

if(i>0)

cout<<"\b \b";

i=i-2;

continue;

}

if(i<0)

i=0;

else

putchar('\*');

apassword[i]=a;

}

apassword[i]='\0';

if(strcmp(apassword,pass)==0)

{

char re[]={"\n\n\n Login Successfull\n\n "};

int rp=strlen(re);

int u;

for(u=0;u<rp;u++)

{

Sleep(14);

cout<<re[u];

}

sleep(2);

wholecheck=1;

}

else

{

wholecheck=2;

cout<<"\n\n Incorrect password";

}

}

else

{

cout<<"\n\n Invalid Login\_id\\Username\n\n";

}

}

void diabetes::twist()

{

system("cls");

int ch;

char chwer[]={"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n"};

int l=strlen(chwer);

int kk;

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer[kk];

}

char chwer1[]={"++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++\n\n\n"};

l=strlen(chwer1);

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer1[kk];

}

char chwer2[]={"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n"};

l=strlen(chwer2);

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer2[kk];

}

cout<<"\t\t\t\t\t\t\t\t\tChoose the operation \n\n\n 1-> PATIENT \n\n 2-> ADMIN \n\n 3-> QUERIES \n\n 4-> QUERIES REPLY \n\n 5-> Quick Checkup\n\n 6-> Diet Planner \n\n 7-> Log Out\n\n 8-> Exit";

cout<<"\n\n Your Choice-> ";

cin>>ch;

switch(ch)

{

case 1:

welcome();

break;

case 2:

setlock();

if(counter1!=0)

admin();

else

cout<<"\n\n\n Access Denied!! Terminating ";

sleep(3);

twist();

break;

case 3:

queries();

break;

case 4:

showqu();

break;

case 5:

quick();

break;

case 6:

diet();

break;

case 7:

cout<<"\n Logging Out.....\n\n";

sleep(2);

passo.password();

break;

case 8:

cout<<"\n\n Exiting...\n\n";

sleep(2);

exit(0);

break;

default:

cout<<" You have entered wrong key \n\n";

break;

}

}

void diabetes:: welcome()

{

system("cls");

cout<<"\n";

int ch;

char check;

A:

char chwer[]={"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n"};

int l=strlen(chwer);

int kk;

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer[kk];

}

char chwer1[]={"++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++\n\n\n"};

l=strlen(chwer1);

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer1[kk];

}

char chwer2[]={"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n"};

l=strlen(chwer2);

for(kk=0;kk<l;kk++)

{

Sleep(10);

cout<<chwer2[kk];

}

cout<<"\t\t\t\t\t\t\t\t CHOOSE THE OPTIONS FROM MENU\n\n 1: ENTER DATA\n\n 2: GET\\TAKE APPOINTMENT\n\n 3: LIST OF PAITENTS\n\n 4: TEST\n\n 5: Pre-Report\n\n 6: FINAL REPORT\n\n 7: PATIENT-LOGIN\n\n 8: ABOUT DEVELOPER OF THIS CODE\n\n 9: EXIT\n\n";

cout<<"\n YOUR CHOICE : ";

cin>>ch;

switch(ch)

{

case 1:

enterdata();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto A;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 2:

doctorlist();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto A;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 3:

display(10,20);

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto A;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 4:

test();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto A;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 5:

prereport();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto A;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 6:

report();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto A;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 7:

patientlogin();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto A;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 8:

aboutme();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto A;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 9:

cout<<" Exiting.... \n\n ";

sleep(2);

twist();

exit(0);

}

}

main()

{

system("color 61");

int i=3;

diabetes o;

d:

system("cls");

passo.password();

if(wholecheck==1)

{

mainobj.twist();

}

else if(wholecheck==2)

{

cout<<"\n\n Server Crashed due to heavy traffic or You Entered Incorrect Password\n";

cout<<"\n\n Try Again in few seconds\n\n";

char ch12[]={"\n\n Reloading in 5 seconds\n\n"};

int kk,l;

for(kk=0;kk<l;kk++)

{

Sleep(15);

cout<<ch12[kk];

}

char ch13[]={"\n\n Reloading in 4 seconds\n\n"};

l=strlen(ch13);

for(kk=0;kk<l;kk++)

{

Sleep(15);

cout<<ch13[kk];

}

char ch14[]={"\n\n Reloading in 3 seconds\n\n"};

l=strlen(ch14);

for(kk=0;kk<l;kk++)

{

Sleep(15);

cout<<ch14[kk];

}

char ch15[]={"\n\n Reloading in 2 seconds\n\n"};

l=strlen(ch15);

for(kk=0;kk<l;kk++)

{

Sleep(15);

cout<<ch15[kk];

}

char ch16[]={"\n\n Reloading in 1 seconds\n\n"};

l=strlen(ch16);

for(kk=0;kk<l;kk++)

{

Sleep(15);

cout<<ch16[kk];

}

if(i>=1)

{

goto d;

i--;

}

else

cout<<"\n\n Interface Locked due to many invalid tries\n\n";

}

}

void diabetes::enterdata()

{

int i,num=0;

fout.open("DIABETESDATA.txt",ios::app);

system("cls");

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

cout<<"\n\t\t\tPLEASE FILL ALL THE REQUIRED DATA\n";

cout<<"\n\n ";

cout<<" Enter The no. of paitents : ";

cin>>num;

cout<<"\n\n ";

for(i=0;i<num;i++)

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n ";

cout<<" PLEASE ASK THE IDno. AND ENTER IT : ";

cin>>id;

cout<<"\n\n";

cout<<" 1 : ENTER NAME : ";

scanf("%s",name);

fflush(stdin);

cout<<"\n\n 2 : AGE : ";

cin>>age;

cout<<"\n\n 3 : SEX(M/F) : ";

cin>>sex;

cout<<"\n\n 4 : Height : ";

cin>>height;

cout<<"\n\n 5 : Weight : ";

cin>>weight;

cout<<"\n\n 6 : Phone number : ";

cin>>phn;

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

}

fout.close();

}

int diabetes::display(int a,int b)

{

fin.open("DIABETESDATA.txt",ios::in);

system("cls");

cout<<"\t\t\t\tHere's the Data of all paitents\n\n\n";

cout<<"|\t ID\t | NAME | AGE | SEX | HEIGHT | WEIGHT |\n";

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

{

cout<<"|"<<setw(9)<<id<<setw(10)<<"|"<<setw(15)<<name<<setw(20)<<"|"<<setw(5)<<age<<setw(5)<<"|"<<setw(5)<<sex<<setw(5)<<"|"<<setw(7)<<height<<setw(7)<<"|"<<setw(7)<<weight<<setw(7)<<"\t|\n\n";

}

fin.close();

}

void diabetes::search()

{

system("cls");

fin.open("DIABETESDATA.txt",ios::in|ios::out);

int tempid,k=0;

char check;

cout<<"\t\t\t\tDiabetes Health Care\t\n";

cout<<"\n Enter the id no. of patient : ";

cin>>tempid;

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

{

if(tempid==mainobj.id)

{

k++;

break;

}

}

if(mainobj.id==tempid)

{

cout<<"|\t ID\t | NAME | AGE | SEX | HEIGHT | WEIGHT |\n";

cout<<"|"<<setw(9)<<id<<setw(10)<<"|"<<setw(15)<<name<<setw(20)<<"|"<<setw(5)<<age<<setw(5)<<"|"<<setw(5)<<sex<<setw(5)<<"|"<<setw(7)<<height<<setw(7)<<"|"<<setw(7)<<weight<<setw(7)<<"\t|\n\n";

cout<<"\n ";

}

else

{

cout<<" YOU HAVE ENTERED THE INVALID ID PLEASE TRY AGAIN \n";

}

fin.close();

}

void diabetes::test()

{

system("cls");

int dd,mm,yyyy;

cout<<"\t\t\t\tDIABETES HEALTH CARE!\n\n\n";

fin.open("DIABETESDATA.txt",ios::in|ios::out);

fout.open("problems.txt",ios::app);

fturndoc.open("Doctors1.txt",ios::in);

int tempid,k=0,count=0;

char check;

cout<<"\t\t\t\tDiabetes Health Care\t\n";

cout<<"\n\n Enter the id no. of patient : ";

cin>>tempid;

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

{

if(tempid==mainobj.id)

{

k++;

break;

}

}

if(mainobj.id==tempid)

{

cout<<"\n\n Enter today's date(dd/mm/yyyy) : ";

cin>>dd>>mm>>yyyy;

while(fturndoc.read((char\*)&docp,sizeof(docp)))

{

if(dd==docp.st.d && docp.st.m==mm && docp.st.y==yyyy && tempid==docp.id)

{

count=1;

break;

}

else

count=0;

}

if(dd==docp.st.d && docp.st.m==mm && docp.st.y==yyyy && tempid==docp.id)

{

objp.id=tempid;

cout<<"\n\n Please Answer The following Questions\n\n\n";

cout<<" Patient name: ";

cout<<mainobj.name;

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

cout<<" 1:Are you getting thirsty frequently.Enter the data accordingly(3-highly yes||2-medium yes||1-low yes||0-no)? -> ";

cin>>objp.thirst;

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

cout<<" 2:Are you getting hungry fast.Enter the data accordingly(3-highly yes||2-medium yes||1-low yes||0-no)? -> ";

cin>>objp.hunger;

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

cout<<" 3:Are you getting urine frequently.Enter the data accordingly(3-highly yes||2-medium yes||1-low yes||0-no)? -> ";

cin>>objp.furine;

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

cout<<" 4:Do you get headches?Enter the level(3-high||2-medium||1-low||0-no)? -> ";

cin>>objp.headche;

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

cout<<" 5:Do you feel fatiguness?Enter the level(3-high||2-medium||1-low||0-no)? -> ";

cin>>objp.fatigue;

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

cout<<" 6:How is your vision?Enter the level(3-highly Blurred||2-Partially Blurred||1-Sometimes Blurred||0-no)? -> ";

cin>>objp.vision;

cout<<"\n\n 7.Was there anyy weight loss in your body in few days(y/n)?->";

cin>>objp.weight;

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

cout<<" 8.Has any body in your family had diabetes before?(y/n)?->";

cin>>objp.fam;

cout<<"\n\n";

sleep(2);

system("cls");

cout<<"\n\n\n\t\t\t Thanks! Please Take the Test from doctor ";

cout<<"\n\n Taking Blood Sample : ";

cout<<"\n ";

sleep(2);

cout<<"\n\n Wait for some time \n ";

sleep(2);

cout<<"\n\n TESTING BLOOD \n ";

sleep(2);

cout<<"\n\n Please be patient and steady!! \n ";

sleep(2);

cout<<"\n\n Blood Test Complete\n ";

sleep(2);

cout<<"\n\n";

cout<<" Had a Meal or not(y/n) for past three hours? : ";

cin>>objp.food;

cout<<"\n\n Enter Readings of Glucometer : ";

cin>>objp.sugarlevel;

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

cout<<" Enter the blood pressure(num) : ";

cin>>objp.blpressurenum;

cout<<" Enter the blood pressure(den) : ";

cin>>objp.blpressuredem;

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

cout<<"\n\n Enter the glucoselevel(sugar)(mg/dl)[This is Fasting Plasma Test(FPG)] -> : ";

cin>>objp.glucoselevel;

cout<<"\n\n Enter the glucoselevel(sugar1)(mg/dl)[This is Oral Glucose Tolerance Test(OGTT)] -> : ";

cin>>objp.glucose1;

sleep(2);

cout<<"\n\n Test complete you may take the report at evening from reception.";

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

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

}

else

{

cout<<"\n\n There's no appointment Booked for such person";

}

}

else

{

cout<<"\n\n Invalid id Please Check and try again ";

}

fout.close();

fin.close();

fturndoc.close();

}

int diabetes::report()

{

float checkdb1=0,checkdb2=0,checkdb3=0;

system("cls");

cout<<"\t\t\t\tDIABETES HEALTH CARE!\n\n\n";

fin.open("DIABETESDATA.txt",ios::in);

fout.open("problems.txt",ios::in);

int tempid,k=0;

char check;

cout<<"\t\t\t\tDiabetes Health Care\t\n";

cout<<"\n Enter the id no. of patient : ";

cin>>tempid;

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

{

if(tempid==mainobj.id)

{

while(fout.read((char\*)&objp,sizeof(objp)))

{

if(objp.id==tempid)

{

k++;

break;

}

}

break;

}

}

if(mainobj.id==tempid )

{

cout<<"|\t ID\t | NAME | AGE | SEX | HEIGHT | WEIGHT |\n";

cout<<"|"<<setw(9)<<id<<setw(10)<<"|"<<setw(15)<<name<<setw(20)<<"|"<<setw(5)<<age<<setw(5)<<"|"<<setw(5)<<sex<<setw(5)<<"|"<<setw(7)<<height<<setw(7)<<"|"<<setw(7)<<weight<<setw(7)<<"\t|\n\n";

cout<<"\n\n";

cout<<" 1.Thirst Level : ";

if(objp.thirst==0)

cout<<" NO PROBLEM";

else if(objp.thirst==1)

cout<<" LOW";

else if(objp.thirst==2)

cout<<" MEDIUM";

else if(objp.thirst==3)

cout<<" HIGH";

cout<<"\n\n";

cout<<" 2.Hunger Level: ";

if(objp.hunger==0)

cout<<" NO PROBLEM";

else if(objp.hunger==1)

cout<<" LOW";

else if(objp.hunger==2)

cout<<" MEDIUM";

else if(objp.hunger==3)

cout<<" HIGH";

cout<<"\n\n";

cout<<" 3.Headche Level: ";

if(objp.headche==0)

cout<<" NO PROBLEM";

else if(objp.headche==1)

cout<<" LOW";

else if(objp.headche==2)

cout<<" MEDIUM";

else if(objp.headche==3)

cout<<" HIGH";

cout<<"\n\n";

cout<<" 4.Fatigue Level: ";

if(objp.fatigue==0)

cout<<" NO PROBLEM";

else if(objp.fatigue==1)

cout<<" LOW";

else if(objp.fatigue==2)

cout<<" MEDIUM";

else if(objp.fatigue==3)

cout<<" HIGH";

cout<<"\n\n";

cout<<" 5.Urine Frequency: ";

if(objp.furine==0)

cout<<" NO PROBLEM";

else if(objp.furine==1)

cout<<" LOW";

else if(objp.furine==2)

cout<<" MEDIUM";

else if(objp.furine==3)

cout<<" HIGH";

cout<<"\n\n";

cout<<" 6.Vision: ";

if(objp.furine==0)

cout<<" NO PROBLEM";

else if(objp.furine==1)

cout<<" LOW PROBLEM";

else if(objp.furine==2)

cout<<" MEDIUM PROBLEM";

else if(objp.furine==3)

cout<<" HIGH PROBLEM";

cout<<"\n\n";

cout<<" 7.BloodPressure :";

if(objp.blpressurenum>140)

{

if(objp.blpressuredem>80)

{

cout<<"High Blood Pressure\n";

}

else

cout<<"High Blood Pressure(cond(II))\n";

}

else if(objp.blpressurenum<=140 && objp.blpressurenum>=120)

{

if(objp.blpressuredem>=80 && objp.blpressuredem<=100)

cout<<" Normal Blood Pressure";

else

cout<<" Normal Blood Pressure(II)";

}

else

{

cout<<" Low Blood Pressure ";

}

cout<<"\n\n\t\t\t\t\t\t\t\t Blood Report";

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

int blood;

srand(time(NULL));

blood=rand()%1+8;

if(blood==1)

{

cout<<" Blood Group : "<<" A+ ";

}

else if(blood==2)

{

cout<<" Blood Group : "<<" A-";

}

else if(blood==3)

{

cout<<" Blood Group : "<<" B+";

}

else if(blood==4)

{

cout<<" Blood Group : "<<" B-";

}

else if(blood==5)

{

cout<<" Blood Group : "<<" O+";

}

else if(blood==6)

{

cout<<" Blood Group : "<<" O-";

}

else if(blood==7)

{

cout<<" Blood Group : "<<" AB+";

}

else if(blood==8)

{

cout<<" Blood Group : "<<" AB-";

}

else

{

cout<<" Blood Group : "<<" O+";

}

float bloodcount;

srand(time(NULL));

bloodcount=rand()%4000+10000;

if(bloodcount<4500)

{

cout<<"\n Blood Count : Low -> "<<bloodcount;

}

else if(bloodcount>=4500 && bloodcount<10000)

{

cout<<"\n Blood Count : High -> "<<bloodcount;

}

float ha;

srand(time(NULL));

ha=rand()%10+9;

if(ha>=12 && ha<16)

cout<<"\n\n Hameogloblin level -> Normal : "<<ha<<" grams per deciliter";

if(ha<12)

cout<<"\n\n Hameogloblin level -> LOW : "<<ha<<" grams per deciliter";

if(ha>16)

cout<<"\n\n Hameogloblin level -> : "<<ha<<" grams per deciliter";

float cholestrol;

srand(time(NULL));

cholestrol=rand()%90+200;

if(cholestrol<=100)

cout<<"\n\n Cholesrtrol -> IDEAL -> "<<cholestrol<<" mg/dl";

else if(cholestrol>100 && cholestrol<=129)

cout<<"\n\n Cholestrol -> Close to Ideal -> "<<cholestrol<<" mg/dl";

else if(cholestrol>=130 && cholestrol<=159)

cout<<"\n\n Cholesrtrol -> Borderline -> "<<cholestrol<<" mg/dl";

else if(cholestrol>=160 && cholestrol<=189)

cout<<"\n\n Cholesrtrol -> High -> "<<cholestrol<<" mg/dl";

else if(cholestrol>=190 && cholestrol<=240)

cout<<"\n\n Cholesrtrol -> Highly Dangerous -> "<<cholestrol<<" mg/dl";

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

cout<<"\n\n 8.Fasting Plasma Glucose Test(FPG) : ";

if(objp.glucoselevel<100.00)

{

cout<<" Glucose Level : Normal -> "<<objp.glucoselevel<<" mg/dl";

checkdb1++;

}

else if(objp.glucoselevel>=100.00 && objp.glucoselevel<=125.00)

{

cout<<" Glucose Level : Pre-Diabetes-> "<<objp.glucoselevel<<" mg/dl";

checkdb2++;

}

else if(objp.glucoselevel>=126.00)

{

cout<<" Glucose Level : High -> Diabetes II "<<objp.glucoselevel<<" mg/dl";

checkdb2++;

checkdb3++;

}

cout<<"\n\n 9.Oral Glucose Tolerance Test(OGTT) :- ";

if(objp.glucose1<140.00)

{

cout<<" Glucose Level : Normal -> "<<objp.glucose1<<" mg/dl";

checkdb1++;

}

else if(objp.glucose1>=140.00 && objp.glucose1<=199.00)

{

cout<<" Glucose Level : Higher than Normal (PRE-Diabetes)-> "<<objp.glucose1<<" mg/dl";

checkdb2++;

}

else if(objp.glucose1>=200.00)

{

cout<<" Glucose Level : High -> Diabetes II"<<objp.glucose1<<" mg/dl";

checkdb2++;

checkdb3++;

}

cout<<"\n\n 10.Sugar Level (Glucometer): ";

if(objp.food=='y'|| objp.food=='Y')

{

if(objp.sugarlevel>=9.0)

{

cout<<" High Sugar Level-II\n";

checkdb2++;

checkdb3++;

}

else if(objp.sugarlevel<9.0 && objp.sugarlevel>7.5)

{

cout<<" High Sugar Level\n";

checkdb2++;

}

else if(objp.sugarlevel>4.0 && objp.sugarlevel<7.4)

{

cout<<" Normal Sugar Level\n";

checkdb1++;

}

else

cout<<" Low Sugar Level\n";

}

else if( objp.food=='n'|| objp.food=='N')

{

if(objp.sugarlevel>7.0)

{

cout<<" High Sugar Level\n";

checkdb2++;

}

else if(objp.sugarlevel>4.0 && objp.sugarlevel<5.9 )

{

cout<<" Normal Sugar Level\n\n";

checkdb1++;

}

else

{

cout<<" Low Sugar Level\n\n";

}

cout<<"\n\n During Taking test we have found that you hadn't ate something from last 2 - 3 hrs so here's a tip \n\n";

cout<<" Health Tip 1 :";

cout<<" You should eat something in every 2 hours it is important for body\n\n";

sleep(1);

}

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

if(checkdb1==3 && checkdb2<=1 && checkdb3==0)

{

cout<<"\n\n\t\t\t\t\t\t\t\t Consult Doctor: For further Detailed Explanation!.";

cout<<"\n\n\t\t\t\t\t\t\t\t Diabetes Test : Negative \n";

}

if(checkdb2==2 && checkdb3<=1)

{

cout<<"\n\n\t\t\t\t\t\t\t\t Consult Doctor: For further Detailed Explanation!.";

cout<<"\n\n\t\t\t\t\t\t\t\t Diabetes Test : Positive \n\t\t\t\t\t\t\t\t Diabetes Type : Pre Diabetes(I) \n";

}

if(checkdb2<2 && checkdb3>1)

{

cout<<"\n\n\t\t\t\t\t\t\t\t Consult Doctor: For further Detailed Explanation!.";

cout<<"\n\n\t\t\t\t\t\t\t\t Diabetes Test : Positive \n\t\t\t\t\t\t\t\t Diabetes Type : Pre Diabetes(II)\n";

}

if(checkdb3==2 || checkdb3==3)

{

cout<<"\n\n\t\t\t\t\t\t\t\t Consult Doctor: For further Detailed Explanation!.";

cout<<"\n\n\t\t\t\t\t\t\t\t Diabetes Test : Positive \n\t\t\t\t\t\t\t\t Diabetes Type : Level(II)\n";

}

if(checkdb3==2 && checkdb2==2)

{

cout<<"\n\n\t\t\t\t\t\t\t\t Consult Doctor: For further Detailed Explanation!.";

cout<<"\n\n\t\t\t\t\t\t\t\t Diabetes Test : Positive \n\t\t\t\t\t\t\t\t Diabetes Type : Level(I)\n";

}

else if(checkdb2==1 && checkdb1==1 && checkdb2==1)

{

cout<<"\n\n\t\t\t\t\t\t\t Meet Doctor Again due to some complications in test";

}

else

{

cout<<"\n\n\t\t\t\t\t\t\t Consult Doctor for More Help";

}

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

cout<<"\n\n\n\t\t\t\t\t\t\t\t Final Result :- ";

if(objp.glucose1<140.00)

{

cout<<"Normal";

}

else if(objp.glucose1>=140.00 && objp.glucose1<=199.00)

{

cout<<"PRE-Diabetes";

}

else if(objp.glucose1>=200.00)

{

cout<<"Diabetes II";

}

}

else

{

cout<<"\n\n Test Report has not been made\n\n";

}

fout.close();

fin.close();

}

void diabetes::doctorlist()

{

system("cls");

int date,month,year;

cout<<"\t\t\tDiabetes Health Care!\n\n\n";

fin.open("DIABETESDATA.txt",ios::in);

fout.open("Temp.txt",ios::in);

fturndoc.open("Doctors1.txt",ios::app|ios::in);

while(fturndoc.read((char\*)&docp,sizeof(docp)))

{

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

}

fout.close();

fturndoc.close();

fout.open("Temp.txt",ios::in);

fturndoc.open("Doctors1.txt",ios::app|ios::in);

int choice;

int tempid;

cout<<"\n\n Enter the paitent id : ";

cin>>tempid;

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

{

if(tempid==mainobj.id)

{

break;

}

}

if(tempid==mainobj.id)

{

cout<<"\n\n Paitent Name : "<<mainobj.name;

cout<<"\n\n";

B:

int tt=0;

if(tt=1)

{

system("cls");

}

cout<<"\n\n\t\t\t\t\t\t\t\tDoctor's List\n\n";

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

cout<<"\tId\t|\t\tDoctor Name\t\t| \t\tTimings\t\t\t |\tDays\t|\t\tFees\t\t|\n\n";

cout<<"\t1\t|\t\tDr.Suraj.C.S\t\t|\t\t10:00am-12:00pm\t\t|\t Mon \t|\t\tRs 1000\t\t|\n\n";

cout<<"\t2\t|\t\tDr.Varuna.K.D\t\t|\t\t05:00pm-07:00pm\t\t|\t Tue \t|\t\tRs 1500\t\t|\n\n";

cout<<"\t3\t|\t\tDr.Spoorthy.L\t\t|\t\t11:00am-01:00pm\t\t|\t Wed \t|\t\tRs 1500\t\t|\n\n";

cout<<"\t4\t|\t\tDr.Shreyas.B.Y\t\t|\t\t11:00am-02:00pm\t\t|\t Thurs\t|\t\tRs 2000\t\t|\n\n";

cout<<"\t5\t|\t\tDr.Sahana \t\t|\t\t05:00pm-08:00pm\t\t|\t Fri \t|\t\tRs 3000\t\t|\n\n";

cout<<" Enter your Choice of Doctor to Book your Appointment\n\n";

cout<<"\n Your Choice : ";

cin>>choice;

docp.id=tempid;

docp.idofdoc=choice;

cout<<"\n\n Enter Date to Fix appointment(dd/mm/yyyy)\n\n";

cout<<" Your input : ";

cin>>date;

cin>>month;

cin>>year;

cout<<"\n\n Wait! Checking For Appointments ";

cout<<"\n\n ";

fout.read((char\*)&docp,sizeof(docp));

{

if(docp.st.d==date && docp.st.m==month && docp.st.y==year)

{

char check;

cout<<"\n\n Sorry for inconvenience The date you selected is not available for appointment ";

cout<<"\n\n Press Y to try again \n ";

cout<<"Your Choice: ";cin>>check;

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

{

tt=1;

goto B;

}

}

else

{

docp.st.d=date;

docp.st.m=month;

docp.st.y=year;

cout<<"\n ";

sleep(3);

cout<<"\n\n Thanks! Appointment Fixed on "<<date<<"/"<<month<<"/"<<year;

fturndoc.write((char\*)&docp,sizeof(docp));

}

}

}

else

cout<<"\n\n Appointment Not Fixed";

cout<<"\n\n";

fout.close();

fturndoc.close();

fin.close();

remove("Temp.txt");

}

void diabetes::prereport()

{

int tempid,c=0;

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

fin.open("DIABETESDATA.txt",ios::in);

fturndoc.open("Doctors1.txt",ios::in);

cout<<" Enter The Id of paitent: ";

cin>>tempid;

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

{

if(tempid==mainobj.id)

{

break;

}

}

while(fturndoc.read((char\*)&docp,sizeof(docp)))

{

if(docp.id==tempid)

break;

}

if(tempid==mainobj.id && tempid==docp.id)

{

cout<<"\n\n NAME: "<<mainobj.name;

cout<<"\n\n Age: "<<mainobj.age;

cout<<"\n\n Sex: "<<mainobj.sex;

cout<<"\n\n Appointment date: "<<docp.st.d<<"/"<<docp.st.m<<"/"<<docp.st.y<<"\n";

cout<<"\n\n Mobile number: "<<mainobj.phn;

cout<<" \n\n Doctor Name: ";

if(docp.idofdoc==1)

{

cout<<"Dr.Suraj.C.";

}

if(docp.idofdoc==2)

{

cout<<"Dr.Varun.K.D";

}

if(docp.idofdoc==3)

{

cout<<"Dr.Spoorthy.L";

}

if(docp.idofdoc==4)

{

cout<<"Dr.Shreyas.B.Y";

}

if(docp.idofdoc==5)

{

cout<<"Dr.Sahana";

}

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

}

else

cout<<"\n\n Invalid Id or Appointment has Not been Taken\n\n";

fin.close();

fturndoc.close();

}

void diabetes::aboutme()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\t\tNAME:Sujith Sharma\n";

cout<<"\t\tSECTION:1656\n";

cout<<"\t\tAND THIS IS AWESOME\n";

cout<<" \t\tSizeof class aminstration : "<<sizeof(adminstration);

cout<<"\n\n\t\tSizeof class diabetes : "<<sizeof(diabetes);

cout<<"\n\n\t\tSizeof class fianlreport : "<<sizeof(finalreport);

cout<<"\n\n\t\tSizeof class login : "<<sizeof(Login);

cout<<"\n\n\t\tSizeof class problems : "<<sizeof(problems);

cout<<"\n\n\t\tSizeof class doctors : "<<sizeof(doctor);

cout<<"\n\n\t\tSizeof class discuss : "<<sizeof(discuss);

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

exit(1);

}

void diabetes::deldata()

{

int tempid,k=0;

system("cls");

fin.open("DIABETESDATA.txt",ios::in);

fout.open("Temp.txt",ios::out);

fturndoc.open("Doctor1.txt",ios::in);

ftemp.open("Tempdoc.txt",ios::out);

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\t\t\t\tHere's the Data of all paitents\n\n\n";

cout<<"|\t ID\t | NAME | AGE | SEX | HEIGHT | WEIGHT |\n";

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

{

cout<<"|"<<setw(9)<<id<<setw(10)<<"|"<<setw(15)<<name<<setw(20)<<"|"<<setw(5)<<age<<setw(5)<<"|"<<setw(5)<<sex<<setw(5)<<"|"<<setw(7)<<height<<setw(7)<<"|"<<setw(7)<<weight<<setw(7)<<"\t|\n\n";

}

fin.close();

fin.open("DIABETESDATA.txt",ios::in);

cout<<"\n Enter the id no. of patient : ";

cin>>tempid;

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

{

if(tempid==mainobj.id)

{

k++;

}

else

{

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

}

}

fin.close();

fout.close();

fin.open("DIABETESDATA.txt",ios::out);

fout.open("Temp.txt",ios::in);

while(fout.read((char\*)&mainobj,sizeof(mainobj)))

{

fin.write((char\*)&mainobj,sizeof(mainobj));

}

cout<<"\n\n Deleted Record";

cout<<"\n\n";

fin.close();

fout.close();

cout<<"\n\n UPDATED RECORDS";

cout<<"\n\n";

fin.open("DIABETESDATA.txt",ios::in);

cout<<"|\t ID\t | NAME | AGE | SEX | HEIGHT | WEIGHT |\n";

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

{

cout<<"|"<<setw(9)<<id<<setw(10)<<"|"<<setw(15)<<name<<setw(20)<<"|"<<setw(5)<<age<<setw(5)<<"|"<<setw(5)<<sex<<setw(5)<<"|"<<setw(7)<<height<<setw(7)<<"|"<<setw(7)<<weight<<setw(7)<<"\t|\n\n";

}

fin.close();

}

void diabetes::patientlogin()

{

int tempid,tempotp,co;

long long int tempno;

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n Enter Your user ID : ";

cin>>tempid;

cout<<"\n\n Enter Your phn No.: ";

cin>>tempno;

cout<<"\n\n OTP has been sent Wait for 5-10 secs\n\n ";

srand ( time(NULL) );

tempotp=rand()%80000+10300;

sleep(4);

cout<<" ";

cout<<"\n\n Your 5 digit OTP is : "<<tempotp<<" Valid for 10 seconds or the screen will go off with in next 5 seconds\n\n";

cout<<"\n\n Enter The 5-digit OTP: ";

cin>>co;

cout<<"\n\n ";

fin.open("DIABETESDATA.txt",ios::in);

if(tempotp==co)

{

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

{

if(tempid==mainobj.id && tempno==mainobj.phn)

{

break;

}

}

if(tempid==mainobj.id && tempno==mainobj.phn)

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n NAME: "<<mainobj.name;

cout<<"\n\n Age: "<<mainobj.age;

cout<<"\n\n Sex: "<<mainobj.sex;

cout<<"\n\n 1. Update Data \n\n 2. Change Doctor \n\n 3. Disease Level \n\n 4. Check Medicines \n\n 5. Buy\\Order Medicines \n\n 6. Register Complaints\n\n 7.See Messages//Complaint status\n\n 8.Exit";

cout<<"\n Enter Choice : ";

int lc;

cin>>lc;

switch(lc)

{

case 1:

pa.updatemine();

break;

case 2:

pa.docchange();

break;

case 3:

pa.diseaselevel();

break;

case 4:

pa.medicare();

break;

case 5:

pa.buy();

break;

case 6:

pa.complaints();

break;

case 7:

pa.seem();

break;

//case 8:

//bobj.totalbill();

//break;

case 8:

cout<<"Exiting...." ;

sleep(2);

mainobj.twist();

default :

exit(0);

}

}

fin.close();

}

else

{

cout<<"\n\n Error While Logging...\n";

sleep(3);

cout<<"\n\n Login Failed \n\n";

fin.close();

}

}

void diabetes::admin()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n";

int ch;

char check;

BD:

cout<<"\t\t\t\t\t\t\t\t WE ARE ALWAYS HERE TO HELP YOU \n\n\t\t\t\t\t\t\t\t CHOOSE THE OPTIONS FROM MENU\n\n 1: List All data(Paitents)\n\n 2: Search for Paitent\n\n 3: Delete Record(Paitents) \n\n 4: Update Records(Paitents)\n\n 5: Count Paitents\n\n 6: Admin Records\n\n 7: Admin Signup\n\n 8: Admin Duties\n\n 9: Logout";

cout<<"\n\n YOUR CHOICE FROM LIST : ";

cin>>ch;

switch(ch)

{

case 1:

display(10,20);

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto BD;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 2:

search();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto BD;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 3:

deldata();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto BD;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 4:

update();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto BD;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 5:

admino.count();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto BD;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 6:

mainobj.adminre();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto BD;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 7:

admino.adminsi();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto BD;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 8:

admino.duty();

cout<<"\n Do You Want To Continue(y/n)\n";

cout<<" YOUR CHOICE: ";

cin>>check;

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

{

system("cls");

goto BD;

}

else

{

cout<<"\n\n\t\t\tThank You! Visit us Again\n";

break;

}

case 9:

cout<<"\n\n Loging out......... \n\n";

sleep(2);

cout<<"\n\n Logged Out Successfully.....\n";

mainobj.twist();

default:

cout<<"\n\n Terminated due to wrong key press\n";

}

}

void adminstration::adminsi()

{

int c=0;

system("cls");

fadmin.open("admin.txt",ios::app);

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n\t\t\t\t\t\t\t\t WE ARE ALWAYS HERE TO HELP YOU \n\n\n";

cout<<" Enter Name : ";

cin>>admino.name;

cout<<"\n\n Enter the userid : ";

cin>>admino.userid;

cout<<"\n\n Enter the password : ";

cin>>admino.password;

cout<<"\n\n Enter the phone no.: ";

cin>>admino.phna;

cout<<"\n\n Enter The ID GENERATED : ";

cin>>admino.stid;

sleep(1);

cout<<"\n\n Logging in in 3 seconds \n\n";

sleep(1);

cout<<"\n\n Logging in in 2 seconds \n\n";

sleep(1);

cout<<"\n\n Logging in in 1 seconds \n\n";

sleep(1);

fadmin.write((char\*)&admino,sizeof(admino));

fadmin.close();

mainobj.admin();

}

void adminstration::count()

{

int c=0;

system("cls");

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n\t\t\t\t\t\t\t\t WE ARE ALWAYS HERE TO HELP YOU \n\n\n";

fadmin.open("admin.txt",ios::in);

fin.open("DIABETESDATA.txt",ios::in);

cout<<" Choose : \n\n 1-> Paitents \n\n 2-> Staff \n\n ";

int choice;

cout<<"\n Your Choice : ";

cin>>choice;

switch(choice)

{

case 1:

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

{

c++;

}

cout<<"\n\n The Total Count is: ";

cout<<c;

counter=c;

c=0;

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

break;

case 2:

while(fadmin.read((char\*)&admino,sizeof(admino)))

{

c++;

}

cout<<"\n\n The Total Count is: ";

cout<<c;

counter=c;

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

c=0;

break;

}

}

void diabetes::setlock()

{

int i,c=0;

char a[20],p[13];

system("cls");

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n\t\t\t\t\t\t\t\t WE ARE ALWAYS HERE TO HELP YOU \n\n\n";

fadmin.open("admin.txt",ios::in);

fout.open("admintmp.txt",ios::out);

fadmin.seekg(0,ios::beg);

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

while(fadmin.read((char\*)&admino,sizeof(admino)))

{

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

}

fout.close();

fadmin.close();

fout.open("admintmp.txt",ios::in);

while( fout.read((char\*)&admino,sizeof(admino)))

{

c++;

}

fout.close();

fadmin.open("admin.txt",ios::in);

if(c==0)

{

cout<<"\n\n No id existed So please Signup to do so\n\n";

sleep(3);

admino.adminsi();

}

else

{

cout<<"\n\n Enter the userid : ";

cin>>a;

cout<<"\n\n Enter The Password : ";

for(i=0;i<12;i++)

{

p[i]=getch();

if(p[i]==13)

break;

else if(p[i]==8)

{

cout<<"\b \b";

i=i-2;

}

else

putchar('\*');

}

p[i]='\0';

while(fadmin.read((char\*)&admino,sizeof(&admino)) && !fadmin.eof())

{

if(strcmp(a,admino.userid)==0 && strcmp(p,admino.password)==0)

{

sleep(2);

cout<<"\n\n Wait for sometime\n\n";

break;

}

}

fadmin.close();

if(strcmp(a,admino.userid)==0 && strcmp(p,admino.password)==0)

{

cout<<"\n\n Login Successfull \n\n";

sleep(1);

cout<<" Redirecting \n\n";

sleep(2);

mainobj.admin();

}

else

{

cout<<"\n\n Invalid UserId or Password \n\n";

counter1=0;

}

}

}

void adminstration::duty()

{

int choice;

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

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

cout<<" 1 > Give Replies\n\n";

cout<<" 2 > Take Complains\n\n";

cout<<" 3 > Add Medicines\n\n";

cout<<" 4 > Logout\n\n";

cout<<" Choose option : \n ";

cin>>choice;

switch(choice)

{

case 1:

mainobj.reply();

break;

case 2:

admino.complains();

break;

case 3:

admino.medi();

break;

case 4:

exit(0);

cout<<" \n\nLoging Out ....";

sleep(2);

mainobj.twist();

}

}

void diabetes::reply()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

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

fin.open("query.txt",ios::in);

fout.open("reply.txt",ios::app);

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

{

cout<<"\n\n Query Id No --> "<<q.id;

cout<<"\n\n Query --> "<<q.input;

cout<<"\n\n Asked By --> "<<q.name;

}

int tempid,k=0;

fin.seekg(0,ios::beg);

cout<<" \n\n ";

cout<<" Enter The id Whom You want to give reply : ";

cin>>tempid;

cout<<"\n\n ";

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

{

if(tempid==q.id)

{

break;

}

else

k=1;

}

if(k==1)

cout<<"Invalid Id \n\n";

else if(tempid==q.id)

{

cout<<"Query Reply : ";

fflush(stdin);

gets(q.reply);

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

}

fout.close();

fin.close();

}

void diabetes::queries()

{

system("cls");

fout.open("query.txt",ios::app);

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

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

cout<<"\n\n Enter The Name --> ";

cin>>q.name;

cout<<"\n\n Enter the Query --> ";

fflush(stdin);

gets(q.input);

cout<<"\n ";

sleep(1);

cout<<"\n\n Your Query id no. Generated --> ";

srand(time(NULL));

q.id=rand()%1200+9999;

cout<<q.id;

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

sleep(2);

cout<<"\n\n Your Query Registered\n ";

sleep(1);

cout<<"\n\n Press Y to logout ";

char ch;

cout<<"\n\n Enter The Key : ";

cin>>ch;

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

{

fout.close();

sleep(2);

mainobj.twist();

}

else

{

cout<<" Exit\n\n";

mainobj.welcome();

fout.close();

exit(0);

}

}

void diabetes::showqu()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

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

fin.open("query.txt",ios::in);

fout.open("reply.txt",ios::in);

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

{

cout<<" Query Id : "<<q.id;

cout<<"\n\n QUERY ASKED BY : "<<q.name;

cout<<"\n\n Query : "<<q.input;

cout<<"\n\n";

}

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

while(fout.read((char\*)&q,sizeof(q)))

{

cout<<" Query Id : "<<q.id;

cout<<"\n\n Queries Solved : "<<q.reply;

cout<<"\n\n";

}

sleep(2);

fout.close();

fin.close();

cout<<"\n Press Y to Logout \n ";

char ch;

cout<<"\n\n Enter The Key : ";

cin>>ch;

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

{

mainobj.twist();

}

else

exit(0);

}

void adminstration::medi()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

int n,i;

fin.open("Medicines.txt",ios::app);

cout<<" Enter The Number of Medicines to Enter : ";

cin>>n;cout<<"\n\n ";

for(i=0;i<n;i++)

{

cout<<"\n\n Enter The Medicine Id : ";

cin>>medid;cout<<"\n\n";

cout<<" Enter The Medicine Name : ";

fflush(stdin);

gets(medicines);

cout<<"\n\n Enter The Price : ";

cin>>medprice;

fin.write((char\*)&admino,sizeof(admino));

}

fin.close();

}

void patient::medicare()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

fout.open("Medicines.txt",ios::in);

cout<<" Here's the medicines list \n\n ";

cout<<setw(10)<<"Medicine ID"<<setw(10)<<"|"<<setw(15)<<"MEDICINE NAMES"<<setw(15)<<"|"<<setw(10)<<"PRICE"<<"|";

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

while(fout.read((char\*)&admino,sizeof(admino)))

{

cout<<"|"<<setw(9)<<admino.medid<<setw(10)<<"|"<<setw(15)<<admino.medicines<<setw(15)<<"|"<<setw(10)<<admino.medprice<<"|\n\n";

}

fout.close();

}

void patient ::buy()

{

system("cls");

int temp,localid,qty,i,tempid;

float sum=0;

char ch;

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

fcross.open("DIABETESDATA.txt",ios::in);

fout.open("Medicines.txt",ios::in);

fin.open("Medbuy.txt",ios::out);

ftemp.open("empty.txt",ios::in);

cout<<"\n\n Enter your id : ";

cin>>tempid;

while(fcross.read((char\*)&mainobj,sizeof(mainobj)))

{

if(tempid==mainobj.id)

break;

}

while(ftemp.read((char\*)&admino,sizeof(admino)))

{

fin.write((char\*)&admino,sizeof(admino));

}

fout.close();

ftemp.close();

fin.close();

fout.open("Medicines.txt",ios::in);

cout<<" Here's the medicines list \n\n ";

cout<<setw(10)<<"Medicine ID"<<setw(10)<<"|"<<setw(15)<<"MEDICINE NAMES"<<setw(15)<<"|"<<setw(10)<<"PRICE"<<"|";

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

while(fout.read((char\*)&admino,sizeof(admino)))

{

cout<<"|"<<setw(9)<<admino.medid<<setw(10)<<"|"<<setw(15)<<admino.medicines<<setw(15)<<"|"<<setw(10)<<admino.medprice<<"|\n\n";

}

fout.close();

fout.open("Medicines.txt",ios::in);

T:

cout<<"\n\n Enter the id of medicine you want to Buy?\n\n ";

cin>>temp;

cout<<"\n\n Enter the quantity of medicine bought?\n\n ";

cin>>qty;

while(fout.read((char\*)&admino,sizeof(admino)))

{

for(i=0;i<qty;i++)

{

if(temp==admino.medid)

{

sum=sum+admino.medprice;

}

}

}

fout.seekg(0,ios::beg);

fout.close();

fout.open("Medicines.txt",ios::in);

while(fout.read((char\*)&admino,sizeof(admino)))

{

if(temp==admino.medid)

{

fin.open("Medbuy.txt",ios::app);

fin.write((char\*)&admino,sizeof(admino));

fin.close();

}

}

fout.close();

fout.open("Medicines.txt",ios::in);

cout<<"\n\n \t\t\t\tFOR MORE PRESS Y or FOR BILL PRESS ANY OTHER KEY\n\n ";

cout<<"Your Choice : ";

cin>>ch;

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

{

goto T;

}

else

{

system("cls");

int billid;

srand(time(NULL));

billid==rand()%1000000+2000000;

fin.open("Medbuy.txt",ios::in);

fsum.open("Bill.txt",ios::app);

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n ";

cout<<"\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t\t Bill id : "<<billid;

cout<<setw(20)<<"Medicine ID"<<setw(20)<<"|"<<setw(25)<<"MEDICINE NAMES"<<setw(25)<<"|"<<setw(20)<<"PRICE"<<"|";

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

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

{

cout<<"|"<<setw(19)<<admino.medid<<setw(20)<<"|"<<setw(25)<<admino.medicines<<setw(25)<<"|"<<setw(20)<<admino.medprice<<"|\n\n";

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

}

cout<<"\n\n\t\t\t\t\t\t\t Total Bill of Medicine is : "<<sum;

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

bobj.billid=billid;

bobj.sum=sum;

bobj.id=tempid;

fin.close();

fsum.write((char\*)&bobj,sizeof(bobj));

fsum.close();

}

fout.close();

fcross.close();

remove("Medbuy.txt");

}

void diabetes::update()

{

ftemp.open("send1.txt",ios::in);

fout.open("DIABETESDATA.txt",ios::in);

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n ";

int tempid;

fin.open("update.txt",ios::out);

cout<<"\n\n You may have requests to update record ";

cout<<"\n\n Press Y to see them ";

char tp;

cin>>tp;

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

{

cout<<"\n\n Requests : ";

while(ftemp.read((char\*)&pa,sizeof(pa)))

{

cout<<" "<<pa.send;

}

}

else

cout<<"\n\n You may be suspended for illegal access or change in data";

cout<<"\n\n Enter The ID to be updated \n";

cin>>tempid;

while(fout.read((char\*)&mainobj,sizeof(mainobj)))

{

if(mainobj.id==tempid)

{

cout<<"\n\n Enter the new name : ";

fflush(stdin);

gets(mainobj.name);

cout<<"\n\n Enter the new age : ";

cin>>mainobj.age;

cout<<"\n\n Enter the new height : ";

cin>>mainobj.height;

cout<<"\n\n Enter the new weight : ";

cin>>mainobj.weight;

fin.write((char\*)&mainobj,sizeof(mainobj));

}

else if(mainobj.id!=tempid)

fin.write((char\*)&mainobj,sizeof(mainobj));

}

fout.close();

fin.close();

fin.open("update.txt",ios::in);

fout.open("DIABETESDATA.txt",ios::out);

fout.seekg(0,ios::beg);

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

{

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

}

fin.close();

fout.close();

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

sleep(2);

cout<<"\n\n UPDATED...";

sleep(1);

}

void patient::updatemine()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n ";

ftemp.open("send.txt",ios::app);

cout<<"\n\n Write the msg to admin to update and what to update and give reason for it : ";

fflush(stdin);

gets(pa.send);

ftemp.write((char\*)&pa,sizeof(pa));

ftemp.close();

cout<<"\n\n WAIT";

sleep(2);

cout<<"\n\n Request for change submitted\n";

}

void patient::complaints()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n ";

ftemp.open("comp.txt",ios::app);

cout<<"\n\n Write the complaint to admin : ";

fflush(stdin);

gets(pa.comp);

ftemp.write((char\*)&pa,sizeof(pa));

ftemp.close();

sleep(2);

cout<<"\n\n Mail sent !!";

}

void adminstration::complains()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n ";

fout.open("recomp.txt",ios::app);

fin.open("comp.txt",ios::in);

cout<<"\n\n Complains : ";

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

{

cout<<" "<<pa.comp;

cout<<"\n\n Write a Reply ";

cout<<"\n\n "<<admino.re;

}

fflush(stdin);

gets(admino.re);

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

fin.close();

fout.close();

}

void patient::seem()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n ";

fin.open("recomp.txt",ios::in);

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

{

cout<<" "<<admino.re;

}

cout<<"\n\n Only latest Replies are Available \n";

fin.close();

}

void diabetes::adminre()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n ";

fadmin.open("admin.txt",ios::in);

while(fadmin.read((char\*)&admino,sizeof(admino)))

{

cout<<"\n\n ";

cout<<"Name : "<<admino.name;

cout<<"\n\n ";

cout<<"User Id : "<<admino.userid;

cout<<"\n\n ";

cout<<"ID no. : "<<admino.stid;

cout<<"\n\n";

fadmin.close();

}

}

void patient :: diseaselevel()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n ";

fin.open("DIABETESDATA.txt",ios::in);

fout.open("problems.txt",ios::in);

cout<<"Enter Your Id : ";

int tempid;

cin>>tempid;

int check=0;

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

{

if(tempid==mainobj.id)

break;

}

while(fout.read((char\*)&objp,sizeof(objp)))

{

if(tempid==objp.id)

break;

}

if(tempid==mainobj.id)

{

cout<<"\n\n Sugar Level : "<<objp.sugarlevel;

if(objp.sugarlevel>=9.0)

{

check=1;

cout<<" High Sugar Level-II\n";

}

else if(objp.sugarlevel<9.0 && objp.sugarlevel>7.5)

{

check=2;

cout<<" High Sugar Level\n";

}

else if(objp.sugarlevel>4.0 && objp.sugarlevel<7.4)

{

check=3;

cout<<" Normal Sugar Level\n";

}

else

cout<<" Low Sugar Level\n";

}

if(check==1)

cout<<"\n\n\n\t\t\t\t\t\t Diabetes Level-2 \n\n";

else if(check==2)

cout<<"\n\n\n\t\t\t\t\t\t Diabetes Level-1\n\n";

else if(check==3)

cout<<"\n\n\n\t\t\t\t\t\t No Diabetes\n\n";

else

cout<<"\n\n\n\t\t\t\t\t\t Low sugar\n\n";

cout<<" Loading\n\n";

sleep(2);

cout<<" Health tip 2: Take medicines on time \n";

sleep(4);

fin.close();

fout.close();

mainobj.twist();

}

void patient::docchange()

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n ";

cout<<" Sorry for the inconvenience caused Currently this interface is disabeled by admin\n\n";

sleep(4);

mainobj.twist();

}

void quick::buy()

{

int sum;

int billid;

int mid;

int qty;

char ch1;

int mod;

B:

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<"\n\n ";

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

static int j=0;

cout<<setw(5)<<"ID"<<setw(5)<<"|"<<setw(20)<<"Name"<<setw(20)<<"|"<<setw(5)<<"Price/package"<<setw(5)<<"|\n\n";

cout<<setw(5)<<"1"<<setw(5)<<"|"<<setw(20)<<"NOVOLOG"<<setw(20)<<"|"<<setw(5)<<"Rs 1200"<<setw(5)<<"|\n\n";

cout<<setw(5)<<"2"<<setw(5)<<"|"<<setw(20)<<"NOVOLIN"<<setw(20)<<"|"<<setw(5)<<"Rs 1100"<<setw(5)<<"|\n\n";

cout<<setw(5)<<"3"<<setw(5)<<"|"<<setw(20)<<"HUMULIN"<<setw(20)<<"|"<<setw(5)<<"Rs 1500"<<setw(5)<<"|\n\n";

cout<<setw(5)<<"4"<<setw(5)<<"|"<<setw(20)<<"HUMALOG"<<setw(20)<<"|"<<setw(5)<<"Rs 1400"<<setw(5)<<"|\n\n";

cout<<setw(5)<<"5"<<setw(5)<<"|"<<setw(20)<<"APIDRA"<<setw(20)<<"|"<<setw(5)<<"Rs 2000"<<setw(5)<<"|\n\n";

cout<<setw(5)<<"6"<<setw(5)<<"|"<<setw(20)<<"PRECOSE"<<setw(20)<<"|"<<setw(5)<<"Rs 2500"<<setw(5)<<"|\n\n";

cout<<setw(5)<<"7"<<setw(5)<<"|"<<setw(20)<<"MIGLITOL"<<setw(20)<<"|"<<setw(5)<<"Rs 3500"<<setw(5)<<"|\n\n";

cout<<setw(5)<<"8"<<setw(5)<<"|"<<setw(20)<<"KAZANO"<<setw(20)<<"|"<<setw(5)<<"Rs 4500"<<setw(5)<<"|\n\n";

cout<<setw(5)<<"9"<<setw(5)<<"|"<<setw(20)<<"GLUCOVANCE"<<setw(20)<<"|"<<setw(5)<<"Rs 5500"<<setw(5)<<"|\n\n";

cout<<setw(5)<<"10"<<setw(5)<<"|"<<setw(20)<<"ACTOPLUS"<<setw(20)<<"|"<<setw(5)<<"Rs 6000"<<setw(5)<<"|\n\n";

cout<<"\n\n Enter the id you want to buy : ";

cin>>mid;

if(mid==1)

{

sum=sum+1200;

}

if(mid==2)

{

sum=sum+1100;

}

if(mid==3)

{

sum=sum+1500;

}

if(mid==4)

{

sum=sum+1400;

}

if(mid==5)

{

sum=sum+2000;

}

if(mid==6)

{

sum=sum+2500;

}

if(mid==7)

{

sum=sum+3500;

}

if(mid==8)

{

sum=sum+4500;

}

if(mid==9)

{

sum=sum+5500;

}

if(mid==10)

{

sum=sum+6000;

}

cout<<"\n\n You can buy only 2 medicines at a time as per Medical Department Rules: ";

cout<<"\n\n Do you want more?(Y/N) ";

cin>>ch1;

if(ch1=='Y'||ch1=='y')

{

j++;

mod=mid;

goto B;

}

else

{

system("cls");

cout<<"\t\t\t\t\t\t\t\t WELCOME TO THE DIABETES HEALTH CARE\t\t\n\t\t\t\t\t\t\t\t\tWe judge we understand!\n";

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

cout<<"\t\t\t\t\t\t\t\t ....SJS Enterprise....\n\n";

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

cout<<setw(5)<<"ID"<<setw(5)<<"|"<<setw(20)<<"Name"<<setw(20)<<"|"<<setw(5)<<"Price/package"<<setw(5)<<"|\n\n";

if(mid==1 || mod==1)

{

cout<<setw(5)<<"1"<<setw(5)<<"|"<<setw(20)<<"NOVOLOG"<<setw(20)<<"|"<<setw(5)<<"Rs 1200"<<setw(5)<<"|\n\n";

}

if(mid==2 || mod==2)

{

cout<<setw(5)<<"2"<<setw(5)<<"|"<<setw(20)<<"NOVOLIN"<<setw(20)<<"|"<<setw(5)<<"Rs 1100"<<setw(5)<<"|\n\n";

}

if(mid==3|| mod==3)

{

cout<<setw(5)<<"3"<<setw(5)<<"|"<<setw(20)<<"HUMULIN"<<setw(20)<<"|"<<setw(5)<<"Rs 1500"<<setw(5)<<"|\n\n";

}

if(mid==4 || mod==4)

{

cout<<setw(5)<<"4"<<setw(5)<<"|"<<setw(20)<<"HUMALOG"<<setw(20)<<"|"<<setw(5)<<"Rs 1400"<<setw(5)<<"|\n\n";

}

if(mid==5|| mod==5)

{

cout<<setw(5)<<"5"<<setw(5)<<"|"<<setw(20)<<"APIDRA"<<setw(20)<<"|"<<setw(5)<<"Rs 2000"<<setw(5)<<"|\n\n";

}

if(mid==6 || mod==6)

{

cout<<setw(5)<<"1"<<setw(5)<<"|"<<setw(20)<<"PRECOSE"<<setw(20)<<"|"<<setw(5)<<"Rs 1200"<<setw(5)<<"|\n\n";

}

if(mid==7 || mod==7)

{

cout<<setw(5)<<"2"<<setw(5)<<"|"<<setw(20)<<"MIGLITOL"<<setw(20)<<"|"<<setw(5)<<"Rs 1100"<<setw(5)<<"|\n\n";

}

if(mid==8|| mod==8)

{

cout<<setw(5)<<"3"<<setw(5)<<"|"<<setw(20)<<"KAZANO"<<setw(20)<<"|"<<setw(5)<<"Rs 1500"<<setw(5)<<"|\n\n";

}

if(mid==9 || mod==9)

{

cout<<setw(5)<<"4"<<setw(5)<<"|"<<setw(20)<<"GLUCOVANCE"<<setw(20)<<"|"<<setw(5)<<"Rs 1400"<<setw(5)<<"|\n\n";

}

if(mid==10|| mod==10)

{

cout<<setw(5)<<"5"<<setw(5)<<"|"<<setw(20)<<"ACTOPLUS"<<setw(20)<<"|"<<setw(5)<<"Rs 2000"<<setw(5)<<"|\n\n";

}

cout<<"\t\t\t\t\t\t\t\t Total Bill : "<<sum;

sleep(5);

cout<<"\t\t\t\t\t\t\t Thanks!for taking Quick test and buying medicines";

sleep(3);

mainobj.twist();

}

}