//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// PROJECT HOTEL-MANAGEMENT

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// INCLUDED HEADER FILES

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#include"graf.cpp"

#include<iostream .h>

#include<conio .h>

#include<string .h>

#include<graphics .h>

#include<dos .h>

#include<stdio .h>

#include<fstream .h>

#include<iomanip .h>

#include<stdlib .h>

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// THIS CLASS CONTAINS FUNTIONS FOR FOOD

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

class food

{

private:

fstream p1;

int c;

char ap;

struct fd

{

char name[55];

float price;

}f;

public:

food()

{

c=0;

}

void food\_menu(void);

void app\_fmenu(void);

void food\_bill();

void del\_all();

};

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION FOR DISPLAYING FOOD MENU

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void food::food\_menu(void)

{

cleardevice();

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(17,40,605,420);

rectangle(17,40,605,420);

setfillstyle(1,10);

bar(24,47,598,413);

rectangle(24,47,598,413);

p1.close();

c=0;

p1.open("food.txt",ios::in|ios::binary);

outtextxy(30,50,"S.N. ITEM NAME PRICE");

gotoxy(4,5);

char h[5],pr[15];

while(p1.read((char\*)&f,sizeof(f)))

{

c++;

settextstyle(4,0,1);

itoa(c,h,10);

outtextxy(40,60+20\*c,h);

outtextxy(150,60+20\*c,f.name);

itoa(f.price,pr,10);

outtextxy(390,60+20\*c,pr);

}//END OF WHILE

p1.close();

settextstyle(15,0,1);

outtextxy(30,325,"DO YOU WANT TO ADD AN ITEM - (Y/N)");

gotoxy(60,20);

cin>>ap;

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

{

app\_fmenu();

//CALLING APPEND FUNCTION

}

else

{

if(ap=='n'||ap=='N')

{

outtextxy(30,360,"DO YOU WANT TO DELETE ALL (Y/N)");

char ch;

gotoxy(60,23);

cin>>ch;

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

{

del\_all();

//CALLING DELETE FUNCTION

}

}

}

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION TO APPEND IN FOOD MENU

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void food::app\_fmenu(void)

{

p1.open("food.txt",ios::app|ios::binary);

outtextxy(30,360,"ENTER ITEM NAME U WANTTO ADD");

gotoxy(60,23);

gets(f.name);

outtextxy(30,380,"ENTER THE PRICE");

gotoxy(60,24);

cin>>f.price;

p1.write((char\*)&f,sizeof(f));

p1.close();

getch();

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION FOR FOOD BILL

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void food::food\_bill()

{

double bill=-1;

char c\_name[20],f\_name[20];

int dt;

cleardevice();

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(17,40,605,420);

rectangle(17,40,605,420);

setfillstyle(1,7);

bar(24,47,598,413);

rectangle(24,47,598,413);

setcolor(4);

settextstyle(7,0,1);

outtextxy(30,70,"ENTER CUSTOMER NAME ");

gotoxy(50,6);

cin>>c\_name;

outtextxy(30,120,"ENTER ITEM NAME TAKEN");

gotoxy(50,9);

cin>>f\_name;

outtextxy(30,170,"ENTER THE QUANTITY");

gotoxy(50,12);

cin>>dt;

p1.close();

p1.open("food.txt",ios::in|ios::binary);

while(p1.read((char\*)&f,sizeof(f)))

{

if(strcmp(f.name,f\_name)==0)

{

bill=dt\*f.price;

}

}//END OF WHILE

if(bill==-1)

{

setcolor(1);

for(int i=0;i&lt;20;i++)

{

setcolor(1);

outtextxy(30,220,"ITEM IS NOT PRESENT");

delay(100);

setcolor(WHITE);

outtextxy(30,220,"ITEM IS NOT PRESENT");

delay(100);

// delay(2500);

}

}

else

{

char t[5],b[5];

setcolor(1);

itoa(dt,t,10);

itoa(bill,b,10);

outtextxy(30,250,"NAME FOOD.NAME QUANTITY BILL ");

setcolor(1);

settextstyle(4,0,1);

outtextxy(30,280,c\_name);

outtextxy(140,280,f\_name);

outtextxy(320,280,t);

outtextxy(445,280,b);

getch();

}

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION TO DELETE FOOD MENU

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void food::del\_all()

{

remove("food.txt");

p1.open("food.txt",ios::out);

p1.close();

c=0;

}

//END OF CLASS FOOD

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// THIS CLASS CONTAINS INFORMATION

// RELATED TO CUSTOMER

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

class customer

{

private:

int q,w;

fstream f1;

struct cust

{

int c\_no;

char c\_name[20];

char c\_add[80];

int a\_date;

int a\_month;

int a\_year;

int d\_date;

int d\_month;

int d\_year;

int room\_no;

char room\_type[25];

}p;

public:

food j;

customer()

{

p.c\_no=0;

p.d\_date=0;

p.d\_month=0;

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION FOR CUSTOMER BILL

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void cust\_bill()

{

int cho;

do

{

cleardevice();

f1.close();

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(10,70,600,450);

rectangle(10,70,600,450);

setfillstyle(1,7);

bar(17,77,593,443);

rectangle(17,77,593,443);

setcolor(5);

setfillstyle(1,2);

settextstyle(7,0,1);

setcolor(9);

setfillstyle(1,2);

bar(210,140,410,238);

rectangle(210,140,410,158);

rectangle(210,140,410,174);

rectangle(210,140,410,190);

rectangle(210,140,410,206);

rectangle(210,140,410,222);

rectangle(210,140,410,238);

setcolor(4);

settextstyle(1,0,4);

outtextxy(180,20,"HOTEL BILL");

line(180,60,383,60);

setcolor(4);

settextstyle(1,0,1);

outtextxy(210,137," 1. ROOM BILL");

outtextxy(210,170," 2. FOOD BILL");

outtextxy(210,200," 3. MAIN MENU");

outtextxy(63,318,"ENTER CHOICE FOR WHICH YOU WANT THE BILL");

gotoxy(67,21);

cin>>cho;

choose(cho);

}while(cho!=3);//END OF WHILE

}

void choose(int a)

{

switch(a)

{

case 1:

{

room\_bill();

break;

}

case 2:

{

j.food\_bill();

break;

}

case 3:

break;

}

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION FOR ROOM BILL

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void room\_bill()

{

double bill;

int days,no,dt,mth;

cleardevice();

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(17,40,605,420);

rectangle(17,40,605,420);

setfillstyle(1,7);

bar(24,47,598,413);

rectangle(24,47,598,413);

setcolor(4);

settextstyle(7,0,1);

outtextxy(30,70,"ENTER CUSTOMER NO DEPARTING");

gotoxy(50,6);

cin>>no;

outtextxy(30,120,"DATE OF DEPARTURE");

gotoxy(50,9);

cin>>dt;

outtextxy(30,170,"MONTH OF DEPARTURE");

gotoxy(50,12);

cin>>mth;

if(p.a\_month>mth)

{bill=0;

}

f1.close();

f1.open("cust.txt",ios::in|ios::binary);

int c=0;

while(f1.read((char\*)&p,sizeof(p)))

{

if(p.c\_no==no)

{ c++;

if(p.a\_month==mth)

{

days=dt-p.a\_date;

}

else

{

days=(mth-p.a\_month)\*30+(dt-p.a\_date);

}

if(p.room\_no&lt;11)

{

char d[5],m[5],h[5],mt[5],dy[5],bl[5];

bill=days\*250;

setcolor(4);

outtextxy(30,270," NAME ARRIVAL DEPARTURE DAYS IN BILL ");

setcolor(1);

settextstyle(1,0,1);

outtextxy(40,300,p.c\_name);

itoa(p.a\_date,d,10);

outtextxy(150,300,d);

outtextxy(160,300,"/");

itoa(p.a\_month,m,10);

outtextxy(170,300,m);

itoa(dt,h,10);

outtextxy(270,300,h);

outtextxy(280,300,"/");

itoa(mth,mt,10);

outtextxy(290,300,mt);

itoa(days,dy,10);

outtextxy(405,300,dy);

itoa(bill,bl,10);

outtextxy(515,300,bl);

}

else

{

char d[5],m[5],h[5],mt[5],dy[5],bl[5];

bill=days\*150;

setcolor(4);

outtextxy(30,270," NAME ARRIVAL DEPARTURE DAYS IN BILL ");

setcolor(1);

settextstyle(1,0,1);

outtextxy(40,300,p.c\_name);

itoa(p.a\_date,d,10);

outtextxy(150,300,d);

outtextxy(160,300,"/");

itoa(p.a\_month,m,10);

outtextxy(170,300,m);

itoa(dt,h,10);

outtextxy(270,300,h);

outtextxy(280,300,"/");

itoa(mth,mt,10);

outtextxy(290,300,mt);

itoa(days,dy,10);

outtextxy(405,300,dy);

itoa(bill,bl,10);

outtextxy(510,300,bl);

}

f1.close();

int count=1;

f1.open("cust.txt",ios::in| ios::binary);

fstream f2;

while(f1.read((char\*)&p,sizeof(p)))

{

if(p.c\_no==no)

{

continue;

}

else

{

f2.open("dup.txt",ios::app|ios::binary);

p.c\_no=count;

f2.write((char\*)&p,sizeof(p));

count++;

f2.close();

}

}//END OF WHILE

remove("cust.txt");

rename("dup.txt","cust.txt");

f1.close();

}

}//END OF WHILE

if(c==0)

{ for(int i=0;i&lt;10;i++)

{

settextstyle(1,0,3);

setcolor(4);

outtextxy(150,300,"CUSTOMER IS NOT PRESENT");

delay(100); setcolor(WHITE);

outtextxy(150,300,"CUSTOMER IS NOT PRESENT");

delay(100);

}

}

getch();

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION TO DISPLAY CUSTOMER DETAIL

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void cust\_detail()

{

int c;

do

{

cleardevice();

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(50,80,600,470);

rectangle(50,80,600,470);

setfillstyle(1,7);

bar(57,87,593,463);

rectangle(57,87,593,463);

setcolor(9);

setfillstyle(1,2);

bar(210,140,410,254);

rectangle(210,140,410,158);

rectangle(210,140,410,174);

rectangle(210,140,410,190);

rectangle(210,140,410,206);

rectangle(210,140,410,222);

rectangle(210,140,410,238);

rectangle(210,140,410,254);

setcolor(4);

settextstyle(1,0,4);

outtextxy(160,20,"CUSTOMER DETAIL ");

setcolor(14);

line(163,60,475,60);

setcolor(4);

settextstyle(1,0,1);

outtextxy(225,137," CHOICES ARE :-");

setcolor(4);

settextstyle(1,0,1);

outtextxy(210,154," 1. APPEND");

outtextxy(210,170," 2. MODIFY");

outtextxy(210,186," 3. DELETE ");

outtextxy(210,202," 4. DELETE ALL ");

outtextxy(210,218," 5. DISPLAY ");

outtextxy(210,234," 6. MAIN MENU");

setcolor(4);

settextstyle(7,0,2);

outtextxy(210,300,"ENTER CHOICE :- ");

gotoxy(53,20);

cin>>c;

switch(c)

{

case 1:

{

cust\_app();

break;

}

case 2:

{

cust\_mod();

break;

}

case 3:

{

cust\_del();

break;

}

case 4:

{

cust\_adel();

break;

}

case 5:

{

cust\_disp();

break;

}

}

}while(c!=6);//END OF WHILE

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION TO APPEND CUSTOMER

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void cust\_app()

{

int ten,temp;

cleardevice();

f1.open("cust.txt",ios::app|ios::binary);

f1.seekg(0,ios::end);

ten=f1.tellg()/sizeof(p);

p.c\_no=ten+1;

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(17,50,605,470);

rectangle(17,50,605,470);

setfillstyle(1,7);

bar(24,57,598,463);

rectangle(24,57,598,463);

setcolor(4);

settextstyle(7,0,1);

outtextxy(30,70,"NAME");

gotoxy(50,6);

cin>>p.c\_name;

outtextxy(30,120,"ADDRESS");

gotoxy(50,9);

gets(p.c\_add);

outtextxy(30,170,"DATE OF ARRIVAL");

gotoxy(50,12);

cin>>p.a\_date;

outtextxy(30,220,"MONTH OF ARRIVAL");

gotoxy(50,15);

cin>>p.a\_month;

outtextxy(30,270,"YEAR OF ARRIVAL");

gotoxy(50,18);

cin>>p.a\_year;

p.room\_no=ten+1;

f1.write((char\*)&p,sizeof(p));

f1.close();

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION TO DISPLAY CUSTOMER IN HOTEL

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void cust\_disp()

{

cleardevice();

f1.close();

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(20,20,620,450);

rectangle(20,20,620,450);

setfillstyle(1,7);

bar(27,27,613,443);

rectangle(27,27,613,443);

setcolor(4);

setfillstyle(1,2);

settextstyle(7,0,1);

outtextxy(25,40," CUST NO NAME ADDRESS ROOM.NO DATE");

gotoxy(30,3);

int c=0;

f1.open("cust.txt",ios::in|ios::binary);

f1.seekg(0,ios::beg);

char h[5],pr[5],d[5],m[6];

while(f1.read((char\*)&p,sizeof(p)))

{

c++;

setcolor(1);

settextstyle(1,0,1);

itoa(p.c\_no,h,10);

outtextxy(55,50+20\*c,h);

outtextxy(160,50+20\*c,p.c\_name);

outtextxy(280,50+20\*c,p.c\_add);

itoa(p.room\_no,pr,10);

outtextxy(440,50+20\*c,pr);

itoa(p.a\_date,d,10);

outtextxy(550,50+20\*c,d);

outtextxy(560,50+20\*c,"/");

itoa(p.a\_month,m,10);

outtextxy(570,50+20\*c,m);

}//END OF WHILE

getch();

f1.close();

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION FOR MODIFYING CUSTOMER DETAIL

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void cust\_mod()

{

cleardevice();

f1.close();

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(10,10,600,470);

rectangle(10,10,600,470);

setfillstyle(1,7);

bar(17,17,593,463);

rectangle(17,17,593,463);

setcolor(9);

setfillstyle(1,2);

setcolor(4);

int no;//,count=0;

outtextxy(30,42,"ENTER CUSTOMER NO TO BE MODIFIED");

gotoxy(65,4);

cin>>no;

f1.open("cust.txt",ios::in|ios::binary);

while(f1.read((char\*)&p,sizeof(p)))

{

if(p.c\_no==no)

{

f1.close();

int num=sizeof(p)\*(no-1);

f1.open("cust.txt",ios::out|ios::ate|ios::binary);

f1.seekp(num,ios::beg);

outtextxy(30,110,"ENTER NEW RECORD ");

outtextxy(30,150,"NAME");

gotoxy(30,11);

cin>>p.c\_name;

outtextxy(30,200,"ADDRESS");

gotoxy(30,14);

cin>>p.c\_add;

outtextxy(30,250,"DATE");

gotoxy(30,17);

cin>>p.a\_date;

outtextxy(30,300,"MONTH");

gotoxy(30,20);

cin>>p.a\_month;

outtextxy(30,350,"YEAR");

gotoxy(30,23);

cin>>p.a\_year;

f1.write((char\*)&p,sizeof(p));

f1.close();

}

}//END OF WHILE

getch();

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION TO DELETE ALL CUSTOMER RECORDS

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void cust\_adel()

{

remove("cust.txt");

f1.open("cust.txt",ios::out|ios::binary|ios::in);

p.c\_no=0;

p.room\_no=0;

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION TO DELETE A CUSTOMER RECORD

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void cust\_del()

{

cleardevice();

f1.close();

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(10,10,600,470);

rectangle(10,10,600,470);

setfillstyle(1,7);

bar(17,17,593,463);

rectangle(17,17,593,463);

setcolor(9);

setfillstyle(1,2);

setcolor(4);

int no,count=1;

outtextxy(30,42,"ENTER CUSTOMER NO TO BE DELETED");

gotoxy(65,4);

cin>>no;

f1.open("cust.txt",ios::in|ios::binary);

fstream f2;

while(f1.read((char\*)&p,sizeof(p)))

{

if(p.c\_no==no)

{

continue;

}

else

{

f2.open("dup.txt",ios::app|ios::binary);

p.c\_no=count;

f2.write((char\*)&p,sizeof(p));

count++;

f2.close();

}

}

remove("cust.txt");

rename("dup.txt","cust.txt");

f1.close();

getch();

}

};

//END OF CLASS CUSTOMER

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// THIS CLASS CONTAINS INFORMATION

// ABOUT HOTEL

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

class hotel

{

private:

fstream f1;

struct cust

{

int c\_no;

char c\_name[20];

char c\_add[20];

int a\_date;

int a\_month;

int a\_year;

int d\_date;

int d\_month;

int d\_year;

int room\_no;

char room\_type[25];

}x;

public:

};

//END OF CLASS HOTEL

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// CLASS CONTROLLING ALL THE CLASSES

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

class control

{

private:

int ch;

public:

hotel h;

customer cust;

food d;

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION FOR PASSWORD

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void pass()

{

char passw[20];

for(;;)

{

hot\_name();

setcolor(4);

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(50,60,600,450);

rectangle(50,60,600,450);

setfillstyle(1,7);

bar(57,67,593,443);

rectangle(57,67,593,443);

setcolor(4);

settextstyle(7,0,1);

settextstyle(7,0,2) ;

outtextxy(200,220,"ENTER PASSWORD :-");

gotoxy(55,15);

cin>>passw;

if (strcmp(passw,"a")==0)

{

cleardevice();

break;

}

else

{

setcolor(4);

settextstyle(7,0,1);

for(int i=0;i&lt;10;i++)

{

setcolor(4);

outtextxy(200,320,"ENTER CORRECT PASSWORD ");

delay(100);

setcolor(WHITE);

outtextxy(200,320,"ENTER CORRECT PASSWORD ");

delay(100);

settextstyle(7,0,1);

outtextxy(200,340,"PRESS ANY KEY TO CONTINUE"); }

cleardevice();

}

}

do

{

ch=mmenu();

choice(ch);

}while(ch!=5);//END OF WHILE

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION FOR HOTEL NAME

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void hot\_name()

{

settextstyle(4,0,5);

setcolor(WHITE);

outtextxy(200,3," TIME HOTEL");

line(200,50,440,50);

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION FOR MAIN MENU

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

int mmenu()

{

cleardevice();

int c;

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(50,80,600,470);

rectangle(50,80,600,470);

setfillstyle(1,7);

bar(57,87,593,463);

rectangle(57,87,593,463);

setcolor(9);

setfillstyle(1,2);

bar(210,140,410,238);

rectangle(210,140,410,158);

rectangle(210,140,410,174);

rectangle(210,140,410,190);

rectangle(210,140,410,206);

rectangle(210,140,410,222);

rectangle(210,140,410,238);

setcolor(WHITE);

settextstyle(4,0,4);

outtextxy(160,20,"HOTEL MANAGEMENT");

setcolor(14);

line(163,60,515,60);

setcolor(4);

settextstyle(1,0,1);

outtextxy(225,137," MAIN MENU");

outtextxy(210,154," 1. INFORMATION");

outtextxy(210,170," 2. CUSTOMER DETAIL");

outtextxy(210,186," 3. FOOD DETAIL ");

outtextxy(210,202," 4. CUSTOMER BILL ");

outtextxy(210,218," 5. EXIT ");

setcolor(4);

settextstyle(7,0,2);

outtextxy(210,300,"ENTER CHOICE :- ");

fflush(stdin);

gotoxy(53,20);

cin>>c;

return c;

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION OF ENDING

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void bye()

{

cleardevice();

setcolor(12);

settextstyle(1,0,5);

setbkcolor(BLUE);

outtextxy(70,150,"THANKS FOR VISITING");

setcolor(10);

settextstyle(1,0,8);

outtextxy(100,250,"PROJECT");

settextstyle(1,0,3);

outtextxy(150,450,"SHUTTING DOWN.. . .");

getch();

setcolor(12);

settextstyle(1,0,5);

outtextxy(70,150,"THANKS FOR VISITING");

setcolor(10);

settextstyle(1,0,8);

outtextxy(100,250,"PROJECT");

settextstyle(1,0,3);

outtextxy(150,450,"SHUTTING DOWN.. . .");

for(int i=0;i&lt;10;i++)

{

sound(1000\*i);

setbkcolor(i);

nosound();

}

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION OF CHOICE FOR INFORMATION

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void choice(int a)

{

switch(a)

{

case 1:

{

information();

break;

}

case 2:

{

cust.cust\_detail();

break;

}

case 3:

{

d.food\_menu();

break;

}

case 4:

{

cust.cust\_bill();

break;

}

}

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// FUNCTION FOR INFORMATION

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void information()

{

cleardevice();

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(17,50,605,470);

rectangle(17,50,605,470);

setfillstyle(1,7);

bar(24,57,598,463);

rectangle(24,57,598,463);

gotoxy(6,4);

setcolor(4);

getch();

}

};

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// THIS IS MAIN FUNCTION CALLING VARIOUS

// FUNCTIONS

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

void main()

{ graf();

clrscr();

int gm=DETECT,gd;

initgraph(&gm,&gd,"c:**\\**tc**\\**");

setbkcolor(BLUE);

setcolor(RED);

for(int i=0;i&lt;450;i++)

{circle(305,250,i);

delay(3);

}

setcolor(GREEN);

settextstyle(1,0,11);

outtextxy(80,150,"VINEETA");

getch();

cleardevice();

setbkcolor(BLUE);

setcolor(RED);

for(i=0;i&lt;450;i++)

{circle(305,250,i);

delay(3);

}

setcolor(GREEN);

settextstyle(1,0,9);

outtextxy(100,0,"PRESENTS");

outtextxy(270,120,"A");

outtextxy(100,240,"PROJECT");

outtextxy(250,360,"ON");

getch();

cleardevice();

setbkcolor(4);

setcolor(GREEN);

for(i=0;i&lt;9;i++)

{

settextstyle(1,0,i);

outtextxy(40+i,140+i," TIME HOTEL ");

sound(200\*i);

delay(600);

nosound();

cleardevice();

}

outtextxy(46,146," TIME HOTEL");

getch();

control c;

// void acknow()

//{

// cleardevice();

setbkcolor(BLACK);

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(17,50,605,470);

rectangle(17,50,605,470);

setfillstyle(1,7);

bar(24,57,598,463);

rectangle(24,57,598,463);

setcolor(5);

settextstyle(1,0,5);

outtextxy(85,5,"ACKNOWLEDGEMENT");

settextstyle(1,0,3);

setcolor(BLACK);

outtextxy(80,60,"I wish to express my deep and heartiest");

outtextxy(40,90,"thanks to my sir :Mr. RAMESH YADAV whose");

outtextxy(40,120,"valueable advice,guidence and helped me a ");

outtextxy(40,150,"lot in doing this project from conception to");

outtextxy(40,180,"completion ");

outtextxy(100,210,"I am also very thankful to my parents ");

outtextxy(40,240,"and friends who gave me moral encouragement ");

outtextxy(40,270,"to make this project a success.");

outtextxy(40,300,"SUBMITTED BY:- ");

outtextxy(40,330,"VINEETA ");

outtextxy(40,360,"B.TECH.III Year ");

outtextxy(40,390,"Shri Krishan Institute of ");

outtextxy(40,420,"Engg. & Technology ");

getch();

cleardevice();

// FOR VERIFICATION

setfillstyle(7,1);

floodfill(0,0,4);

setfillstyle(7,10);

bar(17,50,605,470);

rectangle(17,50,605,470);

setfillstyle(1,7);

bar(24,57,598,463);

rectangle(24,57,598,463);

setcolor(5);

settextstyle(1,0,5);

outtextxy(120,5,"VERIFICATION");

settextstyle(1,0,3);

setcolor(BLACK);

outtextxy(40,60,"I VINEETA submitting this project");

outtextxy(40,90,"as an evidence of my work in computer");

outtextxy(40,120,"lab. in guidence of Mr.RAMESH YADAV ");

outtextxy(40,190,"SUBMITTED BY:- SUBMITTED TO:-");

outtextxy(40,220,"VINEETA Mr.RAMESH YADAV");

outtextxy(40,250,"B.TECH.III Year lecturer in computer");

outtextxy(40,280, "Shri Krishan Institute Of Hartron Workstation ");

outtextxy(40,310,"Engg. & Technology ");

getch();

cleardevice();

c.pass();

c.bye();

closegraph();

}

//END OF MAIN FUNCTION

</stdlib></iomanip></fstream></stdio></dos></graphics></string></conio></iostream>