**Name: Deepesh .R. Asnani**

**Enrolment No: 91600103099**

**Batch: CB-3 , A**

**Branch: CE**

**Class: TC-2**

**Subject Code: 01CE0303**

**Subject Name: OOD&P**

**Program Title:**

**Movie ticket billing system**

**Program Code:**

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

**// \* MOVIE TICKET BILLING SYSTEM**

**// \* THE COMPILER USED IN THIS PROGRAM IS GCC**

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

**#include<iostream>**

**#include"deepesh.h"**

**#include<windows.h>**

**#include<conio.h>**

**#include<stdio.h>**

**#include<stdlib.h>**

**#include<fstream>**

**#include<time.h>**

**using namespace std;**

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

**//\* globally declared data types**

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

**char theatre\_name[30];**

**char movie\_name[30];**

**char timeofmovie[30];**

**char theatre\_name\_file[30];**

**char movie\_name\_file[30];**

**char timeofmovie\_file[30];**

**char filename[60];**

**int xbook[30],ybook[30];**

**int k=0,q=0;**

**int seatno[10];**

**int x\_book\_file[30],y\_book\_file[30];**

**int index=0;**

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

**//\* class movie**

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

**class movie**

**{**

**char enter;**

**int x,y,move\_arrow;**

**char arrow\_rigth,arrow\_left;**

**char email\_id[30];**

**char password[20],password2[20];**

**char first\_name[20],last\_name[20];**

**int yseat,xseat,cntseat,how\_many\_seats,price,selected;**

**int a[90];**

**public:**

**movie()**

**{**

**x=0;**

**y=0;**

**arrow\_left=174;**

**arrow\_rigth=175;**

**yseat=25;**

**xseat=0;**

**cntseat=0;**

**price=0;**

**for(int j=0;j<90;j++)**

**{**

**a[j]=j+1;**

**}**

**}**

**//basic function**

**void animated\_page();**

**void instruction();**

**void loading();**

**//login or sign in page**

**void login\_page\_display();**

**int login\_page();**

**//for login in the app**

**void login\_window\_display();**

**void password\_page\_display();**

**int login\_window();**

**//for sign up in app**

**void signup\_window\_display();**

**int signup\_window();**

**//menu or list**

**void display\_menu();**

**int menu();**

**//for book ticket**

**void book\_ticket();**

**void display\_theatre();**

**int theatre();**

**void movie\_list\_display();**

**int movie\_list(int);**

**void timing\_of\_movie(int);**

**void timing\_of\_movie\_display(int);**

**//for display seats system**

**void display\_seat(int x\_1,int y\_1);**

**int seat();**

**void biling\_display();**

**//canceling the ticket**

**void canceling\_ticket();**

**};**

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

**//\* loading animation**

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

**void movie::loading()**

**{**

**char q=178,i;**

**system("cls");**

**gotoxy(50,15);**

**cout<<"L O A D I N G";**

**gotoxy(46,17);**

**for(i=0;i<22;i++)**

**{**

**cout<<q;**

**Beep(750,200);**

**Sleep(100);**

**}**

**system("cls");**

**}**

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

**//\* animated logo page of project**

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

**void movie ::animated\_page()**

**{**

**int i;**

**int x\_m1=2,y\_m1=25;**

**int x\_m2=100,y\_m2=25;**

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

**{**

**system("cls");**

**gotoxy(x\_m1,y\_m1);**

**cout<<"MOVIE";**

**gotoxy(x\_m2,y\_m2);**

**cout<<"MANIA";**

**Sleep(50);**

**y\_m1--; y\_m2--;**

**x\_m1++; x\_m2--;**

**}**

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

**{**

**system("cls");**

**gotoxy(x\_m1,y\_m1);**

**cout<<"MOVIE"<<endl;**

**gotoxy(x\_m2,y\_m2);**

**cout<<"MANIA";**

**Sleep(50);**

**y\_m1++; y\_m2++;**

**x\_m1++; x\_m2--;**

**}**

**for(i=0;i<=14;i++)**

**{**

**system("cls");**

**gotoxy(x\_m1,y\_m1);**

**cout<<"MOVIE";**

**gotoxy(x\_m2,y\_m2);**

**cout<<"MANIA";**

**Sleep(50);**

**y\_m1--; y\_m2--;**

**x\_m1++; x\_m2--;**

**}**

**x\_m1-=1;**

**y\_m1+=2;**

**gotoxy(x\_m1,y\_m1);**

**cout<<"PRESS ENTER";**

**x\_m1-=3;**

**y\_m1-=2;**

**gotoxy(x\_m1,y\_m1);**

**for(i=0;i<18;i++) //UPPER BORDER**

**{**

**cout<<"\*";**

**Sleep(100);**

**x\_m1++;**

**}**

**for(i=0;i<4;i++) //RIGHT HAND SIDE BORDER**

**{**

**gotoxy(x\_m1,y\_m1);**

**cout<<"\*";**

**Sleep(100);**

**y\_m1++;**

**}**

**for(i=0;i<=18;i++) //LOWER BORDER**

**{**

**gotoxy(x\_m1,y\_m1);**

**cout<<"\*";**

**Sleep(100);**

**x\_m1--;**

**}**

**for(i=0;i<=4;i++) //LEFT SIDE BORDER**

**{**

**gotoxy(x\_m1,y\_m1);**

**cout<<"\*";**

**Sleep(100);**

**y\_m1--;**

**}**

**gotoxy(0,25);**

**}**

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

**//\* instruction page**

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

**void movie :: instruction()**

**{**

**int i;**

**char ch=178;**

**gotoxy(20,5);**

**for(i=0;i<80;i++)**

**cout<<ch;**

**gotoxy(50,7);**

**cout<<"INSTRUCTION";**

**gotoxy(30,9);**

**cout<<"1) THE WHOLE PROGRAM WORKS ON ARROW KEYS, PRESS ARROW KEY TO MOVE ARROW";**

**gotoxy(30,10);**

**cout<<"2) TO SELECT ANY OPTION PRESS ENTER";**

**gotoxy(40,12);**

**cout<<"NOW ENJOY THE LATEST MOVIE FROM THIS APP";**

**gotoxy(20,14);**

**for(i=0;i<80;i++)**

**cout<<ch;**

**gotoxy(30,16);**

**system("pause");**

**}**

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

**//\* login or sign page**

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

**void movie::login\_page\_display()**

**{**

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

**cout<<"\t\t\t\t\t"<<"\*\*\*\*\*\*\*\*\*\*\*"<<"\t\t"<<"\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;**

**cout<<"\t\t\t\t\t"<<"\* LOGIN \*"<<"\t\t"<<"\* SIGN\_IN \*"<<endl;**

**cout<<"\t\t\t\t\t"<<"\*\*\*\*\*\*\*\*\*\*\*"<<"\t\t"<<"\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;**

**}**

**int movie::login\_page()**

**{**

**int x=35;**

**int y=10;**

**login\_page\_display();**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==77)**

**{**

**Beep(750,200);**

**x+=25;**

**if(x<85)**

**{**

**system("cls");**

**login\_page\_display();**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**x-=25;**

**}**

**}else if(move\_arrow==75)**

**{**

**Beep(750,200);**

**x-=25;**

**if(x>10)**

**{**

**system("cls");**

**login\_page\_display();**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**x+=25;**

**}**

**}else if(move\_arrow==13)**

**{**

**break;**

**}**

**}**

**return x;**

**gotoxy(0,20);**

**}**

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

**//\* login page**

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

**void movie:: login\_window\_display()**

**{**

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

**cout<<"\t\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;**

**cout<<"\t\t\t\* MOVIE-MANIA \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* SIGN IN \*"<<endl;**

**cout<<"\t\t\t\* to continue to movie mania \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* ENTER YOUR EMAIL-ID \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* THEN PRESS ENTER \*"<<endl;**

**cout<<"\t\t\t\* to proceed \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;**

**}**

**void movie:: password\_page\_display()**

**{**

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

**cout<<"\t\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;**

**cout<<"\t\t\t\* MOVIE-MANIA \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* WELCOME \*"<<endl;**

**cout<<"\t\t\t\* "<<email\_id<<" "<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* ENTER YOUR PASWORD \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* THEN PRESS ENTER \*"<<endl;**

**cout<<"\t\t\t\* to proceed \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* press esc for backspace \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\* \*"<<endl;**

**cout<<"\t\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;**

**}**

**int movie ::login\_window()**

**{**

**ifstream infile;**

**infile.open("login\_email\_id.txt");**

**char email\_id\_check[30];**

**char password\_check[20];**

**char input,read\_char;**

**int i=0,j,flag=0,pass;**

**a:**

**system("cls");**

**login\_window\_display();**

**gotoxy(30,13);**

**gets(email\_id);**

**infile.seekg(0);**

**while(!infile.eof())**

**{**

**infile>>email\_id\_check;**

**if(strcmp(email\_id\_check,email\_id)==0)**

**{**

**flag=0;**

**break;**

**}else**

**{**

**flag=1;**

**}**

**if(infile.eof()!=0)**

**break;**

**}**

**infile.close();**

**if(flag==0)**

**{**

**Sleep(400);**

**gotoxy(30,16);**

**cout<<"LOADING";**

**for(i=0;i<5;i++)**

**{**

**cout<<".";**

**Sleep(100);**

**}**

**again:**

**system("cls");**

**password\_page\_display();**

**i=0;**

**gotoxy(30,13);**

**while(1)**

**{**

**input=getch();**

**if(input==27)**

**{**

**flag=1;**

**break;**

**}**

**cout<<"\*";**

**if(input!=13)**

**{**

**password[i]=input;**

**i++;**

**}else**

**{**

**break;**

**}**

**}**

**if(flag==1)**

**{**

**flag=0;**

**goto again;**

**}**

**ifstream infile;**

**infile.open("login\_password.txt");**

**int k=0;**

**while(!infile.eof())**

**{**

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

**{**

**infile>>pass;**

**if(pass!=13)**

**password\_check[j]=pass;**

**else**

**break;**

**}**

**if(strcmp(password\_check,password)==0)**

**{**

**flag=0;**

**break;**

**}else**

**{**

**flag=1;**

**k++;**

**infile.seekg(k);**

**}if(infile.eof()==0)**

**break;**

**}**

**return 0;**

**}else**

**{**

**char in;**

**cout<<"NO EMAIL ID FOUND TRY AGAIN "<<endl;**

**cout<<"press enter to continue or esc to goto sign page"<<endl;**

**in=getch();**

**if(in==13)**

**{**

**goto a;**

**}else if(in==27)**

**{**

**return 1;**

**}**

**}**

**}**

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

**//\* sign in function**

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

**void movie::signup\_window\_display()**

**{**

**gotoxy(10,3);**

**cout<<"MOVIE MANIA\n\n";**

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

**gotoxy(40,7);**

**cout<<"CREATE YOUR ACCOUNT ON MOVIE MANIA";**

**gotoxy(10,9);**

**cout<<"NAME";**

**gotoxy(10,10);**

**cout<<"FIRST NAME";**

**gotoxy(8,11);**

**cout<<"----------------------------------------";**

**gotoxy(8,12);**

**cout<<"| |";**

**gotoxy(8,13);**

**cout<<"----------------------------------------";**

**gotoxy(60,10);**

**cout<<"LAST NAME";**

**gotoxy(60,11);**

**cout<<"----------------------------------------";**

**gotoxy(60,12);**

**cout<<"| |";**

**gotoxy(60,13);**

**cout<<"----------------------------------------";**

**gotoxy(10,15);**

**cout<<"ENTER YOUR EMAIL ID";**

**gotoxy(8,16);**

**cout<<"-------------------------------------------------------------------------------------";**

**gotoxy(8,17);**

**cout<<"| |";**

**gotoxy(8,18);**

**cout<<"-------------------------------------------------------------------------------------";**

**gotoxy(10,19);**

**cout<<"ENTER YOUR PASSWORD";**

**gotoxy(8,20);**

**cout<<"----------------------------------------------------";**

**gotoxy(8,21);**

**cout<<"| |";**

**gotoxy(8,22);**

**cout<<"----------------------------------------------------";**

**gotoxy(10,23);**

**cout<<"CONFIRM YOUR PASSWORD";**

**gotoxy(8,24);**

**cout<<"----------------------------------------------------";**

**gotoxy(8,25);**

**cout<<"| |";**

**gotoxy(8,26);**

**cout<<"----------------------------------------------------";**

**}**

**int movie :: signup\_window()**

**{**

**int i=0,flag=0;**

**signup\_window\_display();**

**gotoxy(10,12);**

**gets(first\_name);**

**gotoxy(62,12);**

**gets(last\_name);**

**gotoxy(10,17);**

**gets(email\_id);**

**again:**

**i=0;**

**gotoxy(10,21);**

**fflush(stdin);**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**{**

**cout<<"\*";**

**password[i]=move\_arrow;**

**i++;**

**}else**

**{**

**i--;**

**break;**

**}**

**}**

**if(i<7)**

**{**

**gotoxy(60,22);**

**cout<<"PASSWORD IS TO SHORT";**

**Sleep(1000);**

**system("cls");**

**signup\_window\_display();**

**gotoxy(10,12);**

**puts(first\_name);**

**gotoxy(62,12);**

**puts(last\_name);**

**gotoxy(10,17);**

**puts(email\_id);**

**goto again;**

**}**

**again2:**

**//fflush(stdin);**

**int j=0;**

**gotoxy(10,25);**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**{**

**cout<<"\*";**

**password2[j]=move\_arrow;**

**j++;**

**}else**

**{**

**j--;**

**break;**

**}**

**}**

**if(i!=j)**

**{ a1:**

**gotoxy(60,26);**

**cout<<"PASSWORD DOES NOT MATCH !! TRY AGAIN";**

**Sleep(1000);**

**system("cls");**

**signup\_window\_display();**

**gotoxy(10,12);**

**puts(first\_name);**

**gotoxy(62,12);**

**puts(last\_name);**

**gotoxy(10,17);**

**puts(email\_id);**

**gotoxy(10,21);**

**for(int index=0;index<i;index++)**

**cout<<"\*";**

**goto again2;**

**}else**

**{**

**for(int i=0;i<j;i++)**

**{**

**if(password2[i]!=password[i])**

**{**

**flag=1;**

**break;**

**}**

**}**

**if(flag==1)**

**{**

**goto a1;**

**}**

**}**

**fstream fout;**

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

**fout<<"First name:"<<first\_name<<endl;**

**fout<<"Last name:"<<last\_name<<endl;**

**fout<<"Email Id:"<<email\_id<<endl;**

**fout<<"password:"<<endl;**

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

**{**

**fout<<password[i]<<endl;**

**}**

**fout<<endl;**

**fout.close();**

**fstream fout1;**

**fout1.open("login\_email\_id.txt",ios::app);**

**fout1<<email\_id<<endl;**

**fout1.close();**

**fstream fout2;**

**fout2.open("login\_password.txt",ios::app);**

**for(int index=0;index<i;index++)**

**{**

**fout2<<password[index]<<" ";**

**}**

**fout2<<endl;**

**fout2.close();**

**return 0;**

**}**

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

**//\* menu or list of option**

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

**void movie::display\_menu()**

**{**

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

**cout<<"\t\t\t\t=================== MENU ================="<<endl;**

**cout<<"\t\t\t\t|| ||"<<endl;**

**cout<<"\t\t\t\t|| ||"<<endl;**

**cout<<"\t\t\t\t|| 1) BOOK TICKET ||"<<endl;**

**cout<<"\t\t\t\t|| 2) CANCEL TICKET ||"<<endl;**

**cout<<"\t\t\t\t|| 3) LOGOUT ||"<<endl;**

**cout<<"\t\t\t\t|| ||"<<endl;**

**cout<<"\t\t\t\t|| ||"<<endl;**

**cout<<"\t\t\t\t========================================="<<endl;**

**}**

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

**//\* menu or list of option**

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

**int movie::menu()**

**{**

**x=40;**

**y=7;**

**display\_menu();**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==72)**

**{**

**Beep(750,200);**

**y--;**

**if(y>=7)**

**{**

**system("cls");**

**display\_menu();**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y++;**

**}**

**}else if(move\_arrow==80)**

**{**

**Beep(750,200);**

**y++;**

**if(y<=9)**

**{**

**system("cls");**

**display\_menu();**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y--;**

**}**

**}else if(move\_arrow==13)**

**{**

**break;**

**}**

**gotoxy(0,20);**

**}**

**return y;**

**}**

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

**//\* displaying theatre**

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

**void movie :: display\_theatre()**

**{**

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

**cout<<"\t\t\t\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;**

**cout<<"\t\t\t\t \* \*"<<endl;**

**cout<<"\t\t\t\t \* SELECT THE THEATRE FROM THE GIVEN LIST \*"<<endl;**

**cout<<"\t\t\t\t \* \*"<<endl;**

**cout<<"\t\t\t\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;**

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

**cout<<"\t\t\t\t\t1) PVR CINEMA\n"<<endl;**

**cout<<"\t\t\t\t\t2) GALAXY THEARTRE\n"<<endl;**

**cout<<"\t\t\t\t\t3) OM CINEPLEX\n"<<endl;**

**cout<<"\t\t\t\t\t4) VINAY CINEMA\n"<<endl;**

**cout<<"\t\t\t\t\t5) DBZ CINEMA\n"<<endl;**

**}**

**int movie :: theatre()**

**{**

**x=35;**

**y=10;**

**display\_theatre();**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==72)**

**{**

**Beep(750,200);**

**y-=2;**

**if(y>=10)**

**{**

**system("cls");**

**display\_theatre();**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y+=2;**

**}**

**}else if(move\_arrow==80)**

**{**

**Beep(750,200);**

**y+=2;**

**if(y<=18)**

**{**

**system("cls");**

**display\_theatre();**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y-=2;**

**}**

**}else if(move\_arrow==13)**

**{**

**Beep(750,200);**

**break;**

**}**

**gotoxy(0,20);**

**}**

**return y;**

**}**

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

**//\* display movie list**

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

**void movie::movie\_list\_display()**

**{**

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

**cout<<"\t\t\t\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;**

**cout<<"\t\t\t\t "<<endl;**

**cout<<"\t\t\t\t WELCOME TO "<<theatre\_name<<" "<<endl;**

**cout<<"\t\t\t\t "<<endl;**

**cout<<"\t\t\t\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;**

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

**cout<<"\t\t\t\t\t1) GOLMAAL AGAIN\n"<<endl;**

**cout<<"\t\t\t\t\t2) THOR REGNAROK(ENGLISH)\n"<<endl;**

**cout<<"\t\t\t\t\t3) SECRET SUPERSTAR\n"<<endl;**

**cout<<"\t\t\t\t\t4) KINGS MAN GOLDEN CIRCLE(ENGLISH)\n"<<endl;**

**cout<<"\t\t\t\t\t5) JUNGLE\n"<<endl;**

**}**

**int movie::movie\_list(int option)**

**{**

**x=35;**

**y=7;**

**movie\_list\_display();**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==72)**

**{**

**Beep(750,200);**

**y-=2;**

**if(y>=7)**

**{**

**system("cls");**

**movie\_list\_display();**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y+=2;**

**}**

**}else if(move\_arrow==80)**

**{**

**Beep(750,200);**

**y+=2;**

**if(y<=15)**

**{**

**system("cls");**

**movie\_list\_display();**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y-=2;**

**}**

**}else if(move\_arrow==13)**

**{**

**Beep(750,200);**

**break;**

**}**

**gotoxy(0,20);**

**}**

**return y;**

**}**

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

**//\* display timing of movie**

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

**void movie::timing\_of\_movie\_display(int option)**

**{**

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

**cout<<"\t\t\t\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;**

**cout<<"\t\t\t\t "<<endl;**

**cout<<"\t\t\t\t SO HERE ARE THE TIMING "<<endl;**

**cout<<"\t\t\t\t "<<endl;**

**cout<<"\t\t\t\t \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;**

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

**cout<<"\t\t\t\t\t1) GOLMAAL AGAIN\n"<<endl;**

**if(option==7)**

**{**

**cout<<"\t\t\t\t\t|-> 8:30 am to 11:30\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 11:45 pm to 2:45 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 3:00 pm to 5:15 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 5:30 pm to 7:30 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 7:45 pm to 9:45 pm\n"<<endl;**

**}**

**cout<<"\t\t\t\t\t2) THOR REGNAROK(ENGLISH)\n"<<endl;**

**if(option==9)**

**{**

**cout<<"\t\t\t\t\t|-> 8:30 am to 11:30\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 11:45 pm to 2:45 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 3:00 pm to 5:15 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 5:30 pm to 7:30 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 7:45 pm to 9:45 pm\n"<<endl;**

**}**

**cout<<"\t\t\t\t\t3) SECRET SUPERSTAR\n"<<endl;**

**if(option==11)**

**{**

**cout<<"\t\t\t\t\t|-> 8:30 am to 11:30\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 11:45 pm to 2:45 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 3:00 pm to 5:15 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 5:30 pm to 7:30 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 7:45 pm to 9:45 pm\n"<<endl;**

**}**

**cout<<"\t\t\t\t\t4) KINGS MAN GOLDEN CIRCLE(ENGLISH)\n"<<endl;**

**if(option==13)**

**{**

**cout<<"\t\t\t\t\t|-> 8:30 am to 11:30\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 11:45 pm to 2:45 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 3:00 pm to 5:15 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 5:30 pm to 7:30 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 7:45 pm to 9:45 pm\n"<<endl;**

**}**

**cout<<"\t\t\t\t\t5) JUNGLE\n"<<endl;**

**if(option==15)**

**{**

**cout<<"\t\t\t\t\t|-> 8:30 am to 11:30\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 11:45 pm to 2:45 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 3:00 pm to 5:15 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 5:30 pm to 7:30 pm\n"<<endl;**

**cout<<"\t\t\t\t\t|-> 7:45 pm to 9:45 pm\n"<<endl;**

**}**

**cout<<endl;**

**cout<<"\t\t\t SELECT THE TIMING OF THE MOVIE"<<endl;**

**}**

**void movie::timing\_of\_movie(int option)**

**{**

**switch(option)**

**{**

**case 7:**

**x=35;**

**y=9;**

**gotoxy(x ,y);**

**cout<<arrow\_rigth;**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==72)**

**{**

**Beep(750,200);**

**y-=2;**

**if(y>=9)**

**{**

**system("cls");**

**timing\_of\_movie\_display(7);**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y+=2;**

**}**

**}else if(move\_arrow==80)**

**{**

**Beep(750,200);**

**y+=2;**

**if(y<=17)**

**{**

**system("cls");**

**timing\_of\_movie\_display(7);**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y-=2;**

**}**

**}else if(move\_arrow==13)**

**{**

**if(y==9)**

**{**

**strcpy(timeofmovie\_file,"8\_");**

**strcpy(timeofmovie,"8:30 am to 11:30");**

**}else if(y==11)**

**{**

**strcpy(timeofmovie,"11:45 pm to 2:45");**

**strcpy(timeofmovie\_file,"11\_");**

**}**

**}else if(y==13)**

**{**

**strcpy(timeofmovie\_file,"3\_");**

**strcpy(timeofmovie,"3:00 pm to 5:15 pm");**

**}else if(y==15)**

**{**

**strcpy(timeofmovie,"5:30 pm to 7:30 pm");**

**strcpy(timeofmovie\_file,"5\_");**

**}else if(y==17)**

**{**

**strcpy(timeofmovie," 7:45 pm to 9:45 pm");**

**strcpy(timeofmovie\_file,"7\_");**

**}**

**Beep(750,200);**

**break;**

**}**

**gotoxy(0,30);**

**break;**

**case 9:**

**x=35;**

**y=11;**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==72)**

**{**

**Beep(750,200);**

**y-=2;**

**if(y>=9)**

**{**

**system("cls");**

**timing\_of\_movie\_display(9);**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y+=2;**

**}**

**}else if(move\_arrow==80)**

**{**

**Beep(750,200);**

**y+=2;**

**if(y<=17)**

**{**

**system("cls");**

**timing\_of\_movie\_display(9);**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y-=2;**

**}**

**}else if(move\_arrow==13)**

**{**

**if(y==9)**

**{**

**strcpy(timeofmovie,"8:30 am to 11:30 pm");**

**strcpy(timeofmovie\_file,"8\_");**

**}else if(y==11)**

**{**

**strcpy(timeofmovie,"11:45 pm to 2:45 pm");**

**strcpy(timeofmovie\_file,"11\_");**

**}**

**}else if(y==13)**

**{**

**strcpy(timeofmovie," 3:00 pm to 5:15 pm");**

**strcpy(timeofmovie\_file,"3\_");**

**}else if(y==15)**

**{**

**strcpy(timeofmovie,"5:30 pm to 7:30 pm");**

**strcpy(timeofmovie\_file,"5\_");**

**}else if(y==17)**

**{**

**strcpy(timeofmovie," 7:45 pm to 9:45 pm");**

**strcpy(timeofmovie\_file,"7\_");**

**}**

**Beep(750,200);**

**break;**

**}**

**gotoxy(0,30);**

**break;**

**case 11:**

**x=35;**

**y=13;**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==72)**

**{**

**Beep(750,200);**

**y-=2;**

**if(y>=13)**

**{**

**system("cls");**

**timing\_of\_movie\_display(11);**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y+=2;**

**}**

**}else if(move\_arrow==80)**

**{**

**Beep(750,200);**

**y+=2;**

**if(y<=21)**

**{**

**system("cls");**

**timing\_of\_movie\_display(11);**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y-=2;**

**}**

**}else if(move\_arrow==13)**

**{**

**if(y==13)**

**{**

**strcpy(timeofmovie,"8:30 am to 11:30 pm");**

**strcpy(timeofmovie\_file,"8\_");**

**}else if(y==15)**

**{**

**strcpy(timeofmovie," 11:45 pm to 2:45 pm");**

**strcpy(timeofmovie\_file,"11\_");**

**}**

**}else if(y==17)**

**{**

**strcpy(timeofmovie,"3:00 pm to 5:15 pm");**

**strcpy(timeofmovie\_file,"3\_");**

**}else if(y==19)**

**{**

**strcpy(timeofmovie,"5:30 pm to 7:30 pm");**

**strcpy(timeofmovie\_file,"5\_");**

**}else if(y==21)**

**{**

**strcpy(timeofmovie," 7:45 pm to 9:45 pm");**

**strcpy(timeofmovie\_file,"7\_");**

**}**

**Beep(750,200);**

**break;**

**}**

**gotoxy(0,30);**

**break;**

**case 13:**

**x=35;**

**y=15;**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==72)**

**{**

**Beep(750,200);**

**y-=2;**

**if(y>=15)**

**{**

**system("cls");**

**timing\_of\_movie\_display(13);**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y+=2;**

**}**

**}else if(move\_arrow==80)**

**{**

**Beep(750,200);**

**y+=2;**

**if(y<=23)**

**{**

**system("cls");**

**timing\_of\_movie\_display(13);**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y-=2;**

**}**

**}else if(move\_arrow==13)**

**{**

**if(y==15)**

**{**

**strcpy(timeofmovie,"8:30 am to 11:30 pm");**

**strcpy(timeofmovie\_file,"8\_");**

**}else if(y==17)**

**{**

**strcpy(timeofmovie," 11:45 pm to 2:45 pm");**

**strcpy(timeofmovie\_file,"11\_");**

**}**

**}else if(y==19)**

**{**

**strcpy(timeofmovie," 3:00 pm to 5:15 pm");**

**strcpy(timeofmovie\_file,"3\_");**

**}else if(y==21)**

**{**

**strcpy(timeofmovie,"5:30 pm to 7:30 pm");**

**strcpy(timeofmovie\_file,"5\_");**

**}else if(y==23)**

**{**

**strcpy(timeofmovie," 7:45 pm to 9:45 pm");**

**strcpy(timeofmovie\_file,"7\_");**

**}**

**Beep(750,200);**

**break;**

**}**

**gotoxy(0,30);**

**break;**

**case 15:**

**x=35;**

**y=17;**

**gotoxy(x,y);**

**cout<<"-->";**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==72)**

**{**

**Beep(750,200);**

**y-=2;**

**if(y>=17)**

**{**

**system("cls");**

**timing\_of\_movie\_display(15);**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y+=2;**

**}**

**}else if(move\_arrow==80)**

**{**

**Beep(750,200);**

**y+=2;**

**if(y<=25)**

**{**

**system("cls");**

**timing\_of\_movie\_display(15);**

**gotoxy(x,y);**

**cout<<arrow\_rigth;**

**}else**

**{**

**y-=2;**

**}**

**}else if(move\_arrow==13)**

**{**

**if(y==17)**

**{**

**strcpy(timeofmovie,"8:30 am to 11:30 pm");**

**strcpy(timeofmovie\_file,"8\_");**

**}else if(y==19)**

**{**

**strcpy(timeofmovie," 11:45 pm to 2:45 pm");**

**strcpy(timeofmovie\_file,"11\_");**

**}**

**}else if(y==21)**

**{**

**strcpy(timeofmovie," 3:00 pm to 5:15 pm");**

**strcpy(timeofmovie\_file,"3\_");**

**}else if(y==23)**

**{**

**strcpy(timeofmovie,"5:30 pm to 7:30 pm");**

**strcpy(timeofmovie\_file,"5\_");**

**}else if(y==25)**

**{**

**strcpy(timeofmovie," 7:45 pm to 9:45 pm");**

**strcpy(timeofmovie\_file,"7\_");**

**}**

**Beep(750,200);**

**break;**

**}**

**gotoxy(0,30);**

**break;**

**}**

**}**

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

**//\* for booking seats**

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

**void movie:: display\_seat(int x\_1,int y\_1)**

**{**

**int i,j,m,n=0,count\_no=0;**

**int xp,yp;**

**int flag=0;**

**char s=65;**

**for(i=0;i<index-1;i++)**

**{**

**gotoxy(xbook[i],ybook[i]);**

**cout<<"XX";**

**}**

**gotoxy(0,0);**

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

**{**

**if(i==1)**

**{**

**cout<<"\t\t\t.........................PLATINUM..............................\n\n";**

**}else if(i==2)**

**{**

**cout<<"\t\t\t..........................GOLD..............................\n\n";**

**}else if(i==3)**

**{**

**cout<<"\t\t\t.........................SILVER..............................\n\n";**

**}**

**for(j=1;j<=3;j++)**

**{**

**cout<<"\t"<<s<<"\t";**

**for(m=1;m<=10;m++)**

**{**

**cout<<"[ ";**

**xp=wherex();**

**yp=wherey();**

**if(xp==x\_1 && yp==y\_1)**

**{**

**xbook[k]=x\_1;**

**ybook[k]=y\_1;**

**seatno[q]=a[n];**

**q++;**

**k++;**

**}**

**cout<<a[n];**

**cout<<" ]\t";**

**n++;**

**}**

**s++;**

**cout<<endl;**

**}**

**cout<<endl;**

**}**

**if(x\_1==-1 && y\_1==-1)**

**{**

**k--;**

**}**

**for(i=0;i<k-1;i++)**

**{**

**if(x\_1==xbook[i] && y\_1==ybook[i])**

**{**

**flag=1;**

**k--;**

**q--;**

**cntseat--;**

**break;**

**}**

**}**

**if(flag==0)**

**{**

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

**{**

**x\_1=xbook[i];**

**y\_1=ybook[i];**

**gotoxy(x\_1,y\_1);**

**cout<<"XX";**

**}**

**gotoxy(0,25);**

**cout<<"booked seats are:";**

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

**{**

**cout<<seatno[i]<<",";**

**}**

**}else**

**{**

**gotoxy(0,27);**

**cout<<"SORRY CANNOT BOOK THIS TICKET";**

**}**

**}**

**int movie::seat()**

**{**

**ifstream infile;**

**infile.open(filename,ios::in);**

**if(infile!=NULL)**

**{**

**while(!infile.eof())**

**{**

**infile>>seatno[index]>>x\_book\_file[index]>>y\_book\_file[index];**

**index++;**

**}**

**infile.close();**

**for(int i=0;i<index-1;i++)**

**{**

**xbook[i]=x\_book\_file[i];**

**ybook[i]=y\_book\_file[i];**

**k++;**

**}**

**}**

**infile.close();**

**int a[2];**

**gotoxy(40,10);**

**cout<<"how many seats you wanna book:";**

**cin>>how\_many\_seats;**

**p1:**

**x=90;**

**y=0;**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"<--";**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==80)**

**{**

**Beep(750,200);**

**y+=6;**

**if(y<=12)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"<--";**

**}else**

**{**

**y-=6;**

**}**

**}else if(move\_arrow==72)**

**{**

**Beep(750,200);**

**y-=6;**

**if(y>=0)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"<--";**

**}else**

**{**

**y+=6;**

**}**

**}else if(move\_arrow==13)**

**{**

**Beep(750,200);**

**if(y==0) //for platinum**

**{**

**selected=1;**

**x=18;**

**y=2;**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==72)**

**{**

**Beep(750,200);**

**y--;**

**if(y>=2)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**}else**

**{**

**y++;**

**}**

**}else if(move\_arrow==80)**

**{**

**Beep(750,200);**

**y++;**

**if(y<=4)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**}else**

**{**

**y--;**

**}**

**}else if(move\_arrow==77)**

**{**

**Beep(750,200);**

**x+=8;**

**if(x<=90)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**}else**

**{**

**x-=8;**

**}**

**}else if(move\_arrow==75)**

**{**

**Beep(750,200);**

**x-=8;**

**if(x>=18)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**}else**

**{**

**x+=8;**

**}**

**}else if(move\_arrow==13)**

**{**

**Beep(750,200);**

**system("cls");**

**display\_seat(x,y);**

**cntseat++;**

**if(cntseat==how\_many\_seats)**

**{**

**gotoxy(0,25);**

**cout<<"ARE YOU SURE YOU WANNA BOOK THESE SEATS:";**

**move\_arrow=getch();**

**if(move\_arrow==13)**

**{**

**break;**

**}**

**system("cls");**

**}**

**}else if(move\_arrow==8)**

**{**

**system("cls");**

**display\_seat(-1,-1);**

**cntseat--;**

**if(cntseat==-1)**

**{**

**goto p1;**

**}**

**}**

**}**

**}else if(y==6) //for gold**

**{**

**selected=2;**

**x=18;**

**y=8;**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==72)**

**{**

**Beep(750,200);**

**y--;**

**if(y>=8)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**}else**

**{**

**y++;**

**}**

**}else if(move\_arrow==80)**

**{**

**Beep(750,200);**

**y++;**

**if(y<=10)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**}else**

**{**

**y--;**

**}**

**}else if(move\_arrow==77)**

**{**

**Beep(750,200);**

**x+=8;**

**if(x<=90)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**}else**

**{**

**x-=8;**

**}**

**}else if(move\_arrow==75)**

**{**

**Beep(750,200);**

**x-=8;**

**if(x>=18)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**}else**

**{**

**x+=8;**

**}**

**}else if(move\_arrow==13)**

**{**

**system("cls");**

**display\_seat(x,y);**

**cntseat++;**

**if(cntseat==how\_many\_seats)**

**{**

**gotoxy(0,25);**

**cout<<"ARE YOU SURE YOU WANNA BOOK THESE SEATS:";**

**move\_arrow=getch();**

**if(move\_arrow==13)**

**{**

**break;**

**}**

**system("cls");**

**}**

**}else if(move\_arrow==8)**

**{**

**system("cls");**

**display\_seat(-1,-1);**

**cntseat--;**

**}**

**}**

**}else if(y==12) //for silver**

**{**

**selected=3;**

**x=18;**

**y=14;**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**while(1)**

**{**

**move\_arrow=getch();**

**if(move\_arrow!=13)**

**move\_arrow=getch();**

**if(move\_arrow==72)**

**{**

**Beep(750,200);**

**y--;**

**if(y>=14)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**}else**

**{**

**y++;**

**}**

**}else if(move\_arrow==80)**

**{**

**Beep(750,200);**

**y++;**

**if(y<=16)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**}else**

**{**

**y--;**

**}**

**}else if(move\_arrow==77)**

**{**

**Beep(750,200);**

**x+=8;**

**if(x<=90)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**}else**

**{**

**x-=8;**

**}**

**}else if(move\_arrow==75)**

**{**

**Beep(750,200);**

**x-=8;**

**if(x>=18)**

**{**

**system("cls");**

**display\_seat(0,0);**

**gotoxy(x,y);**

**cout<<"X";**

**}else**

**{**

**x+=8;**

**}**

**}else if(move\_arrow==13)**

**{**

**Beep(750,200);**

**system("cls");**

**display\_seat(x,y);**

**cntseat++;**

**if(cntseat==how\_many\_seats)**

**{**

**gotoxy(0,25);**

**cout<<"ARE YOU SURE YOU WANNA BOOK THESE SEATS:";**

**move\_arrow=getch();**

**if(move\_arrow==13)**

**{**

**break;**

**}**

**system("cls");**

**}**

**}else if(move\_arrow==8)**

**{**

**system("cls");**

**display\_seat(-1,-1);**

**cntseat--;**

**}**

**}**

**}**

**}**

**if(cntseat==how\_many\_seats)**

**{**

**system("cls");**

**gotoxy(40,10);**

**cout<<"THANK YOU YOUR SEATS HAVE BEEN BOOKED"<<endl;**

**system("pause");**

**ofstream fout;**

**fout.open(filename,ios::app);**

**for(int i=0;i<k;i++)**

**{**

**fout<<seatno[i]<<" "<<xbook[i]<<" "<<ybook[i]<<endl;**

**}**

**fout.close();**

**biling\_display();**

**Sleep(1000);**

**break;**

**}**

**gotoxy(0,20);**

**}**

**}**

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

**//\* BILLING PART**

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

**void movie :: biling\_display()**

**{**

**system("cls");**

**int i,bill\_no;**

**srand(time(NULL));**

**bill\_no=rand()%65000;**

**char ch=178;**

**gotoxy(20,5);**

**for(i=0;i<80;i++)**

**cout<<ch;**

**gotoxy(50,7);**

**cout<<"BILL OF TICKET";**

**gotoxy(50,8);**

**if(selected==1)**

**{**

**cout<<"P L A T I N U M";**

**price=200;**

**}else if(selected==2)**

**{**

**cout<<"G O L D";**

**price=150;**

**}else if(selected==3)**

**{**

**cout<<"S I L V E R";**

**price=100;**

**}**

**gotoxy(30,9);**

**cout<<"S E A T NO : ";**

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

**cout<<seatno[i]<<",";**

**gotoxy(30,11);**

**cout<<"T O T A L NO OF S E A T S : "<<how\_many\_seats;**

**gotoxy(30,13);**

**price=price\*how\_many\_seats;**

**cout<<"P R I C E : "<<price;**

**gotoxy(30,15);**

**cout<<"B I L L NO : "<<bill\_no;**

**gotoxy(30,17);**

**cout<<"T I M I N G OF M O V I E:"<<timeofmovie;**

**gotoxy(30,19);**

**cout<<"N A M E OF M O V I E : "<<movie\_name;**

**gotoxy(55,22);**

**cout<<"THANK YOU :)";**

**gotoxy(20,24);**

**for(i=0;i<80;i++)**

**cout<<ch;**

**//ofstream()**

**}**

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

**//\* canceling the ticket**

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

**void movie::canceling\_ticket()**

**{**

**char ch=178,thea\_name[20],mov\_name[20];**

**int i,billno,seat\_no,g[20],x\_book\_fi,y\_book\_fi;**

**char thea\_name\_check[20],mov\_name\_check[20],time\_in[20];**

**gotoxy(20,5);**

**for(i=0;i<80;i++)**

**cout<<ch;**

**gotoxy(50,7);**

**cout<<"C A N C E L T I C K E T";**

**gotoxy(30,9);**

**fflush(stdin);**

**cout<<"ENTER THE THEATRE NAME :";**

**gets(thea\_name);**

**if(strcmp(thea\_name,"PVR CINEMA")==0)**

**{**

**strcpy(thea\_name\_check,"P\_");**

**}else if(strcmp(thea\_name,"GALAXY THEATRE")==0)**

**{**

**strcpy(thea\_name\_check,"G\_");**

**}else if(strcmp(thea\_name,"OM CINEPLEX")==0)**

**{**

**strcpy(thea\_name\_check,"O\_");**

**}else if(strcmp(thea\_name,"VINAY CINEMA")==0)**

**{**

**strcpy(thea\_name\_check,"V\_");**

**}else if(strcmp(thea\_name,"DBZ CINEMA")==0)**

**{**

**strcpy(thea\_name\_check,"D\_");**

**}**

**gotoxy(30,11);**

**cout<<"ENTER THE MOVIE NAME :";**

**gets(mov\_name);**

**if(strcmp(mov\_name,"GOLMAAL AGIAN")==0)**

**{**

**strcpy(mov\_name\_check,"G\_");**

**}else if(strcmp(mov\_name,"THOR RAGNAROK")==0)**

**{**

**strcpy(mov\_name\_check,"T\_");**

**}else if(strcmp(mov\_name,"Secret super star")==0)**

**{**

**strcpy(mov\_name\_check,"SSS\_");**

**}else if(strcmp(mov\_name,"KINGSMAN 2")==0)**

**{**

**strcpy(mov\_name\_check,"K2\_");**

**}else if(strcmp(mov\_name,"JUNGLE")==0)**

**{**

**strcpy(mov\_name\_check,"J\_");**

**}**

**gotoxy(30,13);**

**cout<<"ENTER THE TIME OF MOVIE (e.g,8:30 am to 11:30 pm) :";**

**gets(time\_in);**

**if(strcmp(time\_in,"8:30 am to 11:30 pm")==0)**

**{**

**strcpy(timeofmovie\_file,"8\_");**

**}else if(strcmp(time\_in,"11:45 pm to 2:45 pm")==0)**

**{**

**strcpy(timeofmovie\_file,"11\_");**

**}else if(strcmp(time\_in,"3:00 pm to 5:15 pm")==0)**

**{**

**strcpy(timeofmovie\_file,"3\_");**

**}else if(strcmp(time\_in,"5:30 pm to 7:30 pm")==0)**

**{**

**strcpy(timeofmovie\_file,"5\_");**

**}else if( strcmp(time\_in,"7:45 pm to 9:45 pm")==0)**

**{**

**strcpy(timeofmovie\_file,"7\_");**

**}**

**gotoxy(30,15);**

**cout<<"ENTER THE NO OF SEATS :";**

**cin>>seat\_no;**

**gotoxy(30,17);**

**cout<<"ENTER THE SEATS NO :";**

**for(int i=0;i<seat\_no;i++)**

**{**

**cin>>g[i];**

**}**

**gotoxy(30,19);**

**cout<<"ENTER THE BILL NO :";**

**cin>>billno;**

**gotoxy(20,21);**

**for(i=0;i<80;i++)**

**cout<<ch;**

**strcpy(filename,thea\_name\_check);**

**strcat(filename,mov\_name\_check);**

**strcat(filename,timeofmovie\_file);**

**strcat(filename,".txt");**

**fstream fin,fout;**

**fin.open(filename,ios::in);**

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

**i=0;**

**while(fin>>seat\_no>>x\_book\_fi>>y\_book\_fi)**

**{**

**if(seat\_no!=g[i])**

**{**

**fout<<seat\_no<<" "<<x\_book\_fi<<" "<<y\_book\_fi<<endl;**

**}**

**if(fin.eof()==0)**

**break;**

**}**

**fin.close();**

**fout.close();**

**remove(filename);**

**rename("DEMO.txt",filename);**

**Sleep(300);**

**gotoxy(50,23);**

**cout<<"YOUR REQUEST IS BEING PROCESSED..."<<endl;**

**gotoxy(50,25);**

**cout<<"you ticket has been cancled"<<endl;**

**}**

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

**//\* the main function**

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

**int main()**

**{**

**int option;**

**char enter;**

**//first page of project**

**movie m;**

**m.animated\_page();**

**enter=getch();**

**if(enter==13)**

**{**

**system("cls");**

**m.instruction();**

**Sleep(300);**

**system("cls");**

**option=m.login\_page();**

**m.loading();**

**if(option==35)**

**{**

**option=m.login\_window();**

**}else**

**{**

**option=m.signup\_window();**

**}**

**m.loading();**

**if(option==0)**

**{**

**menu\_of\_user:**

**option=m.menu();**

**if(option==7)**

**{**

**m.loading();**

**system("cls");**

**option=m.theatre();**

**switch(option)**

**{**

**case 10:**

**strcpy(theatre\_name,"PVR CINEMA");**

**strcpy(theatre\_name\_file,"P\_");**

**break;**

**case 12:**

**strcpy(theatre\_name,"GALAXY THEATRE");**

**strcpy(theatre\_name\_file,"G\_");**

**break;**

**case 14:**

**strcpy(theatre\_name,"OM CINEPLEX");**

**strcpy(theatre\_name\_file,"O\_");**

**break;**

**case 16:**

**strcpy(theatre\_name,"VINAY CINEMA");**

**strcpy(theatre\_name\_file,"V\_");**

**break;**

**case 18:**

**strcpy(theatre\_name,"DBZ CINEMA");**

**strcpy(theatre\_name\_file,"D\_");**

**break;**

**}**

**system("cls");**

**m.loading();**

**system("cls");**

**option=m.movie\_list(option);**

**system("cls");**

**switch(option)**

**{**

**case 7:**

**strcpy(movie\_name,"GOLMAAL AGIAN");**

**strcpy(movie\_name\_file,"G\_");**

**break;**

**case 9:**

**strcpy(movie\_name,"THOR RAGNAROK");**

**strcpy(movie\_name\_file,"T\_");**

**break;**

**case 11:**

**strcpy(movie\_name,"Secret super star");**

**strcpy(movie\_name\_file,"SSS\_");**

**break;**

**case 13:**

**strcpy(movie\_name,"KINGSMAN 2");**

**strcpy(movie\_name\_file,"K2\_");**

**break;**

**case 15:**

**strcpy(movie\_name,"JUNGLE");**

**strcpy(movie\_name\_file,"J\_");**

**break;**

**}**

**m.timing\_of\_movie\_display(option);**

**Sleep(300);**

**m.timing\_of\_movie(option);**

**strcpy(filename,theatre\_name\_file);**

**strcat(filename,movie\_name\_file);**

**strcat(filename,timeofmovie\_file);**

**strcat(filename,".txt");**

**system("pause");**

**system("cls");**

**m.seat();**

**system("pause");**

**system("cls");**

**goto menu\_of\_user;**

**}else if(option==8)**

**{**

**system("cls");**

**m.canceling\_ticket();**

**gotoxy(50,27);**

**system("pause");**

**system("cls");**

**gotoxy(0,0);**

**goto menu\_of\_user;**

**}else**

**{**

**system("cls");**

**gotoxy(40,10);**

**cout<<"THANK YOU VIST AGAIN"<<endl;**

**}**

**}**

**}**

**return 0;**

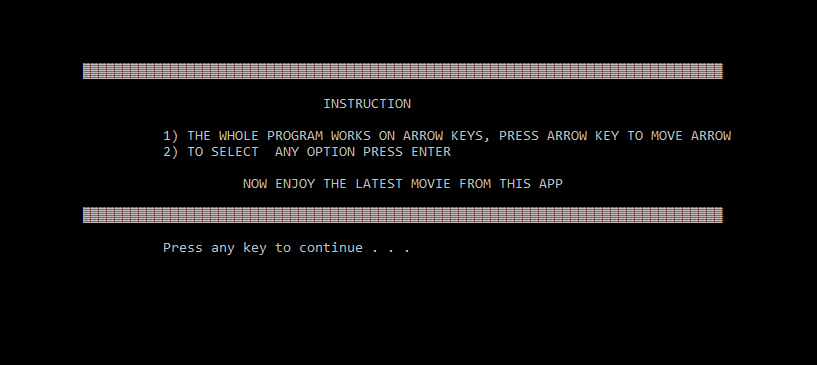
**}**

**Program Output:**

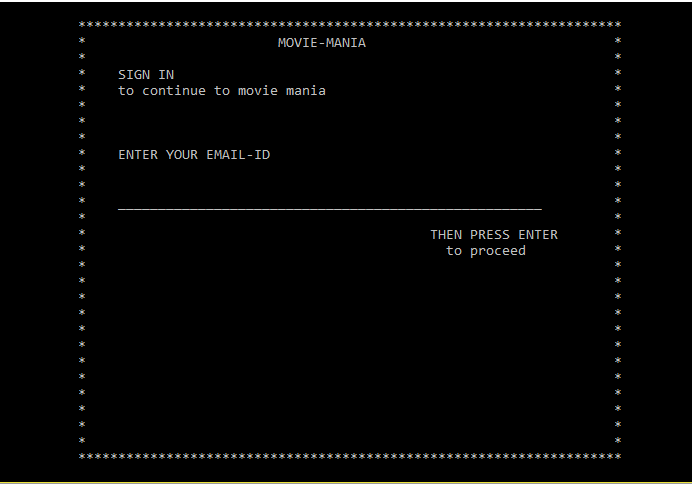
**Screen1:**

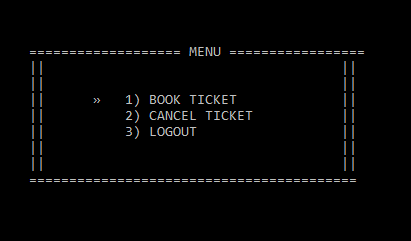
****

**Screen2:**

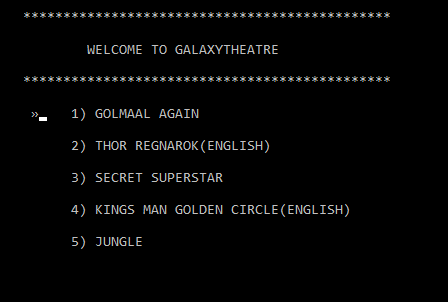
****

****

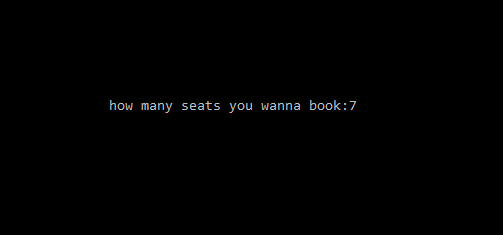
****

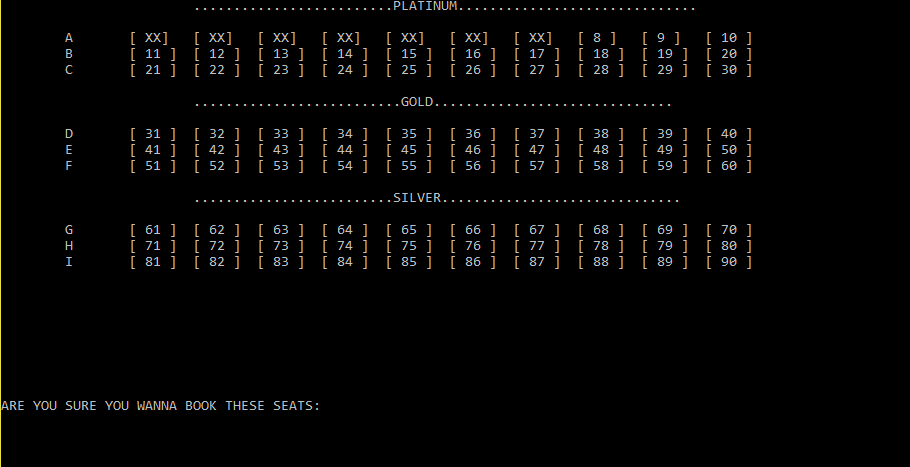
****

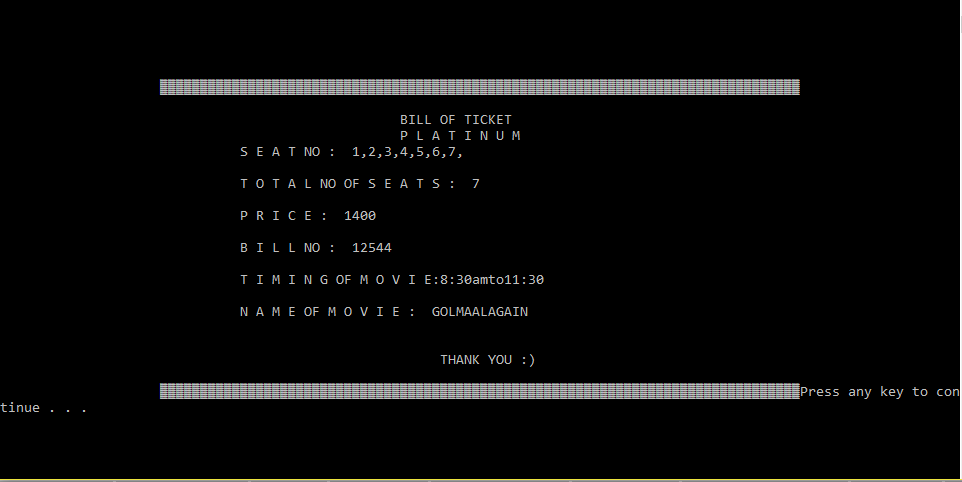
****

****

****

****

****

****