

# **Cinema Ticket Booking System**

*Submitted by*

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**In**

**Artificial Intelligence**



**SCHOOL OF COMPUTING**

**COLLEGE OF ENGINEERING AND TECHNOLOGY**

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

**KATTANKULATHUR - 603203**

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# SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULATHUR-603203

## BONAFIDE CERTIFICATE

Certified that this Course Project Report titled “**Cinema Ticket Booking System**” is the bonafide work done by **K.Harsha Vardhan[RA2211047010095]** and **C.Maneesh Kumar[RA2211047010094]** who carried out under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form part of any other work.

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# <<Movie Ticket Booking System>>

**21CSS101J – PROGRAMMING FOR PROBLEM SOLVING**

**Mini Project Report**

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**KANCHEEPURAM DISTRICT**

**December 2022**

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### **Problem Statement:**

**cinema ticket booking system using 'c'**

**This program is useful for the people to book the tickets in an easier way. Here we use simple functions like if else statements and switch statements. In these days we are using different types of websites to book movies tickets that may be insecure so we made a secure website for people to book tickets in online.**

### **Methodology:**

**This project is done in C programming language using arrays, if-else statements, switch case.**

**By using functions in this c program we can successfully execute the code. using c program we can code for displaying names of movies , amount to be paid .**

**This project is done in simple way by using simple fucntions.**

### **Procedure:**

**Here we have expressed procedure as steps**

**Step 1:Start the program**

**Step 2: Declare variables arr[30],x , a, b, c, d Amount, g.**

**Step 3: Define the values of x, a , b ,c ,d given as options, amount, g.**

**Step 4: Then calculate amount value**

**Step 5: Print amount and data output**

**Step 6: Stop the program**

**These are steps of making website.**

### **Movie Ticket Booking code.c:**

```
#include<stdio.h>  
#include<stdlib.h>  
#include<conio.h>  
#include<stdarg.h>  
int main ()
```

```

{
printf("*****welcome to BG MOVIE website*****");
    char arr[30];
printf("\nEnter your name : "); scanf("%s",arr);
printf("\nhello %s ,welcome to our website ", arr); int x;
printf("\nEnter a number to select your movie?\t 1)avatar\t
2)veera simha reddy\t 3)love today\t 4)black adam \t");
scanf("%d", &x); switch(x)
{
case 1:
printf("you have selected **avatar movie** "); break;

case 2:
printf("you have selected **veera simha reddy** "); break;

case 3:
printf("you selected **love today** "); break;

case 4:
printf("you selected **black adam** "); break;

}
int a,b;
printf("\nplease select your area ?1)chennai\t 2)delhi\t 3)mumbai\t
4)kolkata \t"); scanf("%d",&a);

switch(a)

{

case 1:
printf("welcome to BG movies box office in chennai"); break;
case 2:

```

```

printf("welcome to BG movies box office in delhi"); break;
case 3:
printf("welcome to BG movies box office in mumbai"); break;
case 4:
printf("welcome to BG movies box office in kolkata"); break;
}
int c,d,amount;
printf("\nselect your movie type ?\t1)2D\t 2)3D \t");
scanf("%d",&c);

if(c==1){
printf("you have selected 2D picture");

}

else if(c==2)

{

printf("you have selected 3D picture");

}

printf("\nplease select your type of site?\t 1)chair\t2)balcony\t
3)sofa\t "); scanf("%d",&d);
if(d==1)

{

printf("you have selected chair type seats and cost is 100 Rs per
seat ");

}

```

**else if(d==2)**

**{**

**printf("you have selected balcony seats and cost is 150 Rs per seat  
");**

**}**

**else if(d==3)**

**{**

**printf("you have selected sofa and cost is 250 Rs per person ");**

**}**

**printf("\n%s please enter how many tickets do you want ? ",arr);  
scanf("%d",&b);**

**if(c==1&&d==1)**

**{printf("\nyou have selected 2D picture\*\*cost is 50 charge and  
chair seat charge is 100 \n");**

**amount=(50+100)\*b;**

**printf("total amount to be paid :%d",amount);**

**}**

**else if(c==1&&d==2)**

**{**



```
printf("\nyou have selected 2D picture**cost is 50 charge and  
balcony seat charge is 150 \n "); amount=(50+150)*b;  
printf("total amount to be paid :%d",amount);
```

```
}
```

```
else if(c==1&&d==3)
```

```
{
```

```
printf("\nyou have selected 2D picture**cost is 50 charge and sofa  
seat charge is 250 \n "); amount=(50+250)*b;  
printf("total amount to be paid :%d",amount);
```

```
}
```

```
else if(c==2&&d==1)
```

```
{ printf("\nyou have selected 3D picture**cost is 100 charge and  
chair seat charge is 100 \n"); amount=(100+100)*b;
```

```
printf("total amount to be paid :%d",amount);
```

```
}
```

```
else if(c==2&&d==2)
```

```
{
```

```
printf("\nyou have selected 3D picture**cost is 100 charge and  
balcony seat charge is 150\n");  
amount=(100+150)*b;
```

```
printf("total amount to be paid :%d",amount);
```

```
}
```

```
else if(c==2&& d==3)
```

```
{
```

```
printf("\nyou have selected 3D picture**cost is 100 charge and  
sofa seat charge is 250\n"); amount=(100+250)*b;
```

```
printf("total amount to be paid :%d",amount);
```

```
}
```

```
int w;
```

```
printf("payment method you wish for\t1)cash\t2)online  
payment\n");
```

```
scanf("%d", &w); switch(w)
```

```
{
```

```
case 1:
```

```
printf("you have selected **cash payment** ");
```

```
printf("\nyou have successfully paid the amount%d Rs",amount);
```

```
printf("\n enjoy your show");
```

```
printf("\nThank you !! please follow our BG movies website seats  
allocted before movie");
```

```
break;
```

```
case 2:
```

```
printf("you have selected **Online payment** ");
```

```
printf("\nplease pay the amount to this number +91 89-2143-6325  
"); int g;
```

```
printf("\nplease Enter your otp:");
```

```
scanf("%d",&g);
```

```

if(g==123456)
{

printf("\nyou have successfully paid the amount%d Rs",amount);
printf("\n enjoy your show");
printf("\nThank you !! please follow our BG movies website seats
alloted before movie");

}

else

{

printf("our transction is failed please try again");
break;
}}

printf("\n*****Thank you for using our BG movies
website*****");}

```

## Output Display:

### 1)Cash Payment:

```

*****welcome to BG MOVIE website*****
Enter your name : harsha

hello harsha ,welcome to our website
Enter a number to select your movie?      1)avatar      2)veera simha reddy      3)love today      4)black adam      1
you have selected **avatar movie**
please select your area ?1)chennai      2)delhi      3)mumbai      4)kolkata      1
welcome to BG movies box office in chennai
select your movie type ?      1)2D      2)3D      1
you have selected 2D picture
please select your type of site?      1)chair      2)balcony      3)sofa      1
you have selected chair type seats and cost is 100 Rs per seat
harsha please enter how many tickets do you want ? 3

you have selected 2D picture**cost is 50 charge and chair seat charge is 100
total amount to be paid :450payment method you wish for      1)cash      2)online payment
1
you have selected **cash payment**
you have successfully paid the amount450 Rs
 enjoy your show
Thank you !! please follow our BG movies website seats alloted before movie
*****Thank you for using our BG movies website*****

```

### 2)output for online payment:

```

Enter your name : maneesh

hello maneesh ,welcome to our website
Enter a number to select your movie?      1)avatar      2)veera simha reddy      3)love today      4)black adam      2
you have selected **veera simha reddy**
please select your area ?1)chennai      2)delhi      3)mumbai      4)kolkata      2
welcome to BG movies box office in delhi
select your movie type ?      1)2D      2)3D      2
you have selected 3D picture
please select your type of site?      1)chair      2)balcony      3)sofa      2
you have selected balcony seats and cost is 150 Rs per seat
maneesh please enter how many tickets do you want ? 3

you have selected 3D picture**cost is 100 charge and balcony seat charge is 150
total amount to be paid :750payment method you wish for 1)cash 2)online payment
2
you have selected **Online payment**
please pay the amount to this number +91 89-2143-6325
please Enter your otp:123456

you have successfully paid the amount750 Rs
enjoy your show
Thank you !! please follow our BG movies website seats allotted before movie
*****Thank you for using our BG movies website*****

```

## **Result:**

**Program executed successfully for movie ticket Booking system**

## **Conclusion:**

**By using c-code we can create cinema ticket Booking website easily here we used basic functions and operators like array, switch case ,if else statements ,Mathematical operators**

## **Sailent features:**

**1)Selection of data we like**

**2)It automatically calculates the money how much we have to pay**

**Scope of project: people can use this website for booking tickets for movies in easier way.**