



```
#include<stdio.h>
#include<stdlib.h>
#include<string.h>

struct book
{
    char code[20];
    char name[20];
    char date[20];
    int cost;

}b;
int seat =60;
void insert_details();//for inserting movie details
void viewAll(); // for view all data
void book_ticket(); //for booking tickets
void cancel_ticket();
void main()
{

    int ch;
    do{
        printf("\n=====
=====");
        printf("\n");
        printf("\t Moive Ticket booking ");
        printf("\n");
        printf("\n=====
=====");

        printf("\nPress <1> Insert Movie");
        printf("\nPress <2> View All Movie");
        printf("\nPress <3> book Ticket ");
        printf("\nPress <4> cancel Ticket);
        printf("\nPress <0> Exit ");

        printf("\nEnter your Choice ::");
        scanf("%d",&ch);

        switch (ch)
        {
            case 1 :
                insert_details();
                break;
            case 2:
                viewAll();
                break;

            case 3:
                book_ticket();
                break;
            case 4 :
                cancel_ticket();
                break;
            case 0:
                exit(0);
                break;
```



```
        default:
            printf("Wrong choice !");
            break;
    }

    }while(ch!=0);
}
void insert_details()
{
    FILE *fp;
    struct book b;
    printf("Enter name :- ");
    scanf("%s",b.name);
    printf("Enter Release Date:- ");
    scanf("%s",b.date);
    printf("Enter Ticket Price:- ");
    scanf("%d",&b.cost);

    fp=fopen("data.txt","a");

    if(fp == NULL)
    {
        printf("File not Found");
    }
    else
    {
        fprintf(fp," %s %s %d \n",b.name,b.date,b.cost);
        printf("Record insert Sucessfull");
    }
    printf("\n");
    fclose(fp);
}
void viewAll()
{
    char ch;
    FILE *fp;

    fp = fopen("data.txt","r");
    if(fp == NULL)
    {
        printf("file does not found !");
        exit(1);
    }
    else
    {
        system("clear");
        while( ( ch = fgetc(fp) ) != EOF )
            printf("%c",ch);
    }
    fclose(fp);
}
void book_ticket()
{
    struct book b;
```



```

FILE *fp;
int total_seat,mobile,totalPrice;
char name[20];

char ch; //used in display all movies

fp = fopen("data.txt","r");
if(fp == NULL)
{
    printf("file does not found !");
    exit(1);

}
else
{
    system("cls");
    while( ( ch = fgetc(fp) ) != EOF )
        printf("%c",ch);

}
fclose(fp);

//display ends
char mname[200];
int cellnum;
printf("\n For Book ticket Choise Movie(Enter Movie Code First
Latter Of Movie)\n");
printf("\n Enter movie name :");
scanf("%s",mname);
printf("\n* Fill Deatails *");
printf("\n your name :");
scanf("%s",name);
printf("\n mobile number :");
scanf("%d",&cellnum);
printf("\n Total number of tickets :");
scanf("%d",&total_seat);

totalPrice = 250* total_seat;
int cost = 250;

printf("\n ***** ENJOY THE MOVIE *****\n");
printf("\n\t\t\tname : %s",name);
printf("\n\t\t\tmobile Number : %d",cellnum);
printf("\n\t\t\tmovie name : %s",mname);
printf("\n\t\t\tTotal Amount : %d",totalPrice);
printf("\n\t\t\tTotal seats : %d",total_seat);
printf("\n\t\t\tcost per ticket : %d",cost);

fclose(fp);

}
void cancel_ticket()
{

char sentPwd[100],reqPwd[100]="pwdrequired";
printf("\nenter password");

```



```
scanf("%s",sentPwd);  
if(strcmp(sentPwd,reqPwd)==0){  
    printf("\ntickets successfully cancelled ");  
}  
else  
printf("\nwrong password");  
}
```

