Object Oriented Programming 1

Course Project

Stage 1

Cinema booking program

In the beginning the user enters his\her name, phone number, and e-mail. The program will display the available dates, and the user will choose the appropriate date and time for him\her, then choose a specific movie, seat, and if he\she wants to order food and drinks. Then the program will calculate the comprehensive cost. At the end, the user information (name, phone number, e-mail), date, type of seat he\she has chosen, movie name, food and drinks if he\she has chosen, and comprehensive cost are displayed.

Using 3 classes:

Class for personal information (name, phone number, e-mail).

Class for chosen the following data (date, movie, seat, food and drinks).

Class for calculating comprehensive cost.

Stage 2

Customer		M	Movie	
+firstName : String		-date : int		
+lastName : String		+movieName : String +seatNumber : int		
-phoneNumber : int				
-email : String	Book	+foodAndDrink : String		
+setPhoneNumber(phNo : int) : void		+setDate(d : int) : void		
+setEmail(e : String) : void		+getDate(): int		
+getPhoneNumber(): int		+Movie(date: int, movieName: String,		
+getEmail(): String		seatNumber : int, foodAndDrink : String)		
+Customer(fname : String, lname :		+Movie()		
String, phNo : int, email : String)		+printDetails(): void		
+Customer()				
+printDetails(): void				
			Calculation	

Calculation -calculation: double +setCalculation(c: double): void +getCalculation(): double +getTotalCost(): double +Calculation(calculation: double) +Calculation() +printDetails(): void