Java Essentials Module 3 Assignment

Please use the jar file to test the program.

Command: java -jar Module1CaseStudy2.jar

Notes:

* Only one instance of each account can exist concurrently (can be extended through the use of arrays)
* Accounts need to be created before using functions
* Account number of current account is 1
* Account number of current account is 2

Code:

**import** java.util.Scanner;

**public** **class** BuyTickets {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

Scanner ticketInput = **new** Scanner(System.***in***);

**for** (;;) {

System.***out***.println("Enter number of tickets required: ");

**int** noOfTickets = ticketInput.nextInt();

ticketInput.nextLine();

System.***out***.println("Do you want to upgrade to Gold (type Yes for Gold): ");

String goldTicketsChoice = ticketInput.nextLine();

*buyTickets*(noOfTickets, goldTicketsChoice);

System.***out***.println(" ");

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ");

System.***out***.println(" ");

}

}

**public** **static** **void** buyTickets (**int** noOfTickets, String goldTicketsChoice) {

**float** silverTicketPrice = 150;

**float** goldTicketPrice = 200;

**float** totalTicketCost;

Boolean goldTicketsSelected = **false**;

**if** (goldTicketsChoice.contentEquals("Yes")) {

goldTicketsSelected = **true**;

}

**if** (goldTicketsSelected == **true**) {

totalTicketCost = noOfTickets \* goldTicketPrice;

} **else** {

totalTicketCost = noOfTickets \* silverTicketPrice;

}

System.***out***.println("Total Cost: " + totalTicketCost + " Rn");

}

}

Output:

Enter number of tickets required:

3

Do you want to upgrade to Gold (type Yes for Gold):

Yes

Total Cost: 600.0 Rn

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Enter number of tickets required:

2

Do you want to upgrade to Gold (type Yes for Gold):

Total Cost: 300.0 Rn

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Enter number of tickets required:

3

Do you want to upgrade to Gold (type Yes for Gold):

No

Total Cost: 450.0 Rn

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Enter number of tickets required: