

## Solution :Lab05,Part-3

```
import java.util.Scanner;
public class GameStore3 {
    public static void main(String[] args) {
        Scanner s = new Scanner(System.in);
        String option;
        int numOfGames = 0;
        do {
            System.out.println("*****");
            System.out.println("                Welcome to Gaming Center :)                *");
            System.out.println("                -----                *");
            System.out.println("                Please enter one of the following options:                *");
            System.out.println("                1) add ==> this allows you to add a game to inventory                *");
            System.out.println("                2) sell ==> this allows you to sell games to a customer                *");
            System.out.println("                3) exit ==> to end this program                *");
            System.out.println("*****");
            System.out.print("Enter your option :> ");
            option = s.next();
            if (option.equals("sell")){
                if (numOfGames <= 0){
                    System.out.println("Sorry. There are no more games in store :(");
                }
                else {
                    System.out.print("Please, enter game id (-1 to end): ");
                    int id = s.nextInt();
                    double totalPrice = 0;
                    int num = 0;
                    while (id != -1 && numOfGames > 0){
                        System.out.print("Please, enter the price of next game: ");
                        double price = s.nextDouble();
                        totalPrice += price;
                        num++;
                        numOfGames--;
                        if (numOfGames <= 0){
                            System.out.println("Can not sell more games. Out of stock :(");
                        } else {
```

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        System.out.print("Please, enter game id (-1 to end): ");
        id = s.nextInt();
    }
}
double discount = 0;
//if more than two copies then use discount
if (num > 2 ){
    discount = 20.0 / 100;
}
System.out.println("Total price before discount: " +
    totalPrice + "SR");
System.out.println("Your discount is: " +
    (totalPrice - (totalPrice * (1 - discount))) + "SR");
totalPrice *= (1 - discount);
System.out.println("Total price after discount: " +
    totalPrice + "SR");
}
} else if (option.equals("add")){
    System.out.print("Please, enter game id (-1 to end): ");
    int id = s.nextInt();
    while (id != -1){
        numOfGames++;
        System.out.print("Please, enter game id (-1 to end): ");
        id = s.nextInt();
    }
}
} while (!option.equals("exit"));
System.out.println("Thanks. Goodbye!");
}
}

```