

<p style="text-align: center;">King Saud University College of Computer and Information Sciences Computer Science Department</p>		
CSC 111: Introduction to Programming with Java	Sheet 3 (if-else statement)	First Quarter 1444

A coffee shop offers a loyalty rewards program for customers with two levels: Silver and Gold. It decides to give discounts on coffee beans' bags based on customer level and the number of bought bags as shown in the table below:

Level	Number of bags	Discount
Sliver(S)	more than 10 bags	10% of total price
	15 bags or more	15% of total price
Gold (G)	up to 10 bags	5% of total price
	10 bags or more	20% of total price

Knowing that each bag of beans cost 5 SR, write a program that reads customer loyalty level: *S* for Sliver or *G* for Gold, and the number of bags to buy. Your program should then calculate and print the total cost of the order as shown in the sample run.

Note:

- Your program should accept both uppercase and lowercase for the input level.
- Your program should validate the input of loyalty level.
- Your program should print the output of floating-point numbers in 6 alignment width, left-justified and with 2 decimal places.

[Sample Run #1]

Enter loyalty level (S for Silver) or (G for Gold): **g**

Enter the number of beans bags: **5**

Number of ordered beans: 5

Discount value: -1.25 SR

Your total charge: 23.75 SR

[Sample Run #2]

Enter loyalty level (S for Silver) or (G for Gold): **S**

Enter the number of beans bags: **5**

Number of ordered beans: 5

Discount value: -0.00 SR

Your total charge: 25.00 SR

[Sample Run #3]

Enter loyalty level (S for Silver) or (G for Gold): **S**

Enter the number of beans bags: **12**

Number of ordered beans: 12

Discount value: -6.00 SR

Your total charge: 54.00 SR

[Sample Run #4]

Enter loyalty level (S for Silver) or (G for Gold): R

Enter the number of beans bags: 15

invalid input of loyalty level!

Number of ordered beans: 0

Discount value: -0.00 SR

Your total charge: 0.00 SR