



Sri Lanka Institute of Information Technology
B. Sc (Hons). Degree in IT
Year 1 – Semester 1 – 2020 – September Intake
Introduction To Programming (IT1010)
Online 1
Version A

Time : 1 hour

Hotel rates of ABC Hotels (Pvt) ltd. for full board and half board basis for one day are given below.

Type of room	Amount (Rs)	
	Full board (F)	Half Board (H)
1	25555.00	17250.00
2	17500.00	12250.00
3	9000.00	7250.00

As a part of the promotional campaign, discounts will be given for their ‘Gold’ , ‘Silver’ and ‘Bronze’ reward card holders as shown in the table below.

Card Type	Discount %
G	12.5
S	11.5
B	9.5

Write a C program to allow the user to enter the type of the room, accommodation type (F- Full Board, H- Half Board), number of days and the Card type (G, S, B) and calculate the amount need to be paid for the given no of days.

Your program should display an error message “**Invalid Type of room**” if the user inputs a wrong type for the room.

The program should allow the user to enter the orders until -1 is entered for the room type.

Format your output to two decimal places.

Sample Output:

```
Enter type of room : 2
Enter Accommodation Basis (F/H) : F
Enter No of days : 2
Enter Reward Card Type ( G, S, B ) : G
Amount(Rs.) : 30625.00
```

```
Enter type of room : -1
```

Save your program as **ITXXXXXX.c**