

Assignment – Week 08 (Structure)

1. Define a structure that can describe a hotel with the following information.

Name	Address	Grade	Average room Charge	Room Number
La Meridian	Nikunjo,Dhaka	4	8500	50
Mariot	Jamuna,Dhaka	5	10000	100
Sheraton	Karwan Bajar	5	12000	50
Amari Dhaka	Gulshan-2	4	6000	200
Lakeshore	Banani,Dhaka	3	5500	150

It should have members that include the name, address, grade, average room charge, and number of rooms.

Write functions to perform the following operations:

- To print out hotels of a given grade.
- To print out hotels with room charges less than a given value.

2. Write a Program to Calculate Difference Between Two Time Periods using structure.

Output:

```
Enter the start time.  
Enter hours, minutes and seconds: 13  
34  
55  
Enter the stop time.  
Enter hours, minutes and seconds: 8  
12  
15  
Time Difference: 13:34:55 - 8:12:15 = 5:22:40
```