

4.Hotel

```
import java.util.*;

class hotel
{
    double roomcharge;
    String name,city;
    void accept()
    {
        System.out.println("Enter Hotel Name, City and Room Charge");
        Scanner sc=new Scanner(System.in);
        name=sc.next();
        city=sc.next();
        roomcharge=sc.nextDouble();
    }
    void display()
    {
        System.out.println("Hotel Name:"+name+"\tCity:"+city+"\tRoom
charge:"+roomcharge);
    }
}

class main
{
    public static void main(String args[])
    {
        int n,i,j;
        System.out.print("Enter value of n:");
        Scanner sc=new Scanner(System.in);
        n=sc.nextInt();
        hotel h[]=new hotel[n];
    }
}
```

```
    hotel temp=new hotel();
    for(i=0;i<n;i++)
    {
        h[i]=new hotel();
        h[i].accept();
    }
    for(i=0;i<n-1;i++)
    {
        for(j=i+1;j<n;j++)
        {
            if(h[i].roomcharge>h[j].roomcharge)
            {
                temp=h[i];
                h[i]=h[j];
                h[j]=temp;
            }
        }
    }
    for(i=0;i<n;i++)
    {
        h[i].display();
    }
}
}
```

```
Command Prompt
Enter value of n:3
Enter Hotel Name, City and Room Charge
Abc
Mumbai
1500
Enter Hotel Name, City and Room Charge
Xyz
Hyderabad
1000
Enter Hotel Name, City and Room Charge
Pqr
Delhi
1350
Hotel Name:Xyz City:Hyderabad Room charge:1000.0
Hotel Name:Pqr City:Delhi Room charge:1350.0
Hotel Name:Abc City:Mumbai Room charge:1500.0

C:\Users\jaini\Desktop\COLLEGE\SE\Java\hotel class>
```