14.Hotel

```java
import java.util.*;
class hotel
{
        double roomcharge;
        String name,address;
        int no_of_rooms;

        void accept()
        {
                System.out.println("Enter Hotel Name,Address,No of rooms and Room Charge");
                Scanner sc=new Scanner(System.in);
                name=sc.next();
                address=sc.next();
                no_of_rooms=sc.nextInt();
                roomcharge=sc.nextDouble();
        }
        void display()
        {
                System.out.println("Hotel Name:"+name+"\tAddress:"+address+"\tNo of Rooms:"+no_of_rooms+"\tRoom charge:"+roomcharge);
        }
}
class main
{
        public static void main(String args[])
        {
                int n,i,j;
                System.out.print("Enter value of n:");
```

```java
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,Address,No of rooms and Room Charge
abc
mumbai
4
1500
Enter Hotel Name,Address,No of rooms and Room Charge
pqr
goa
2
1000
Enter Hotel Name,Address,No of rooms and Room Charge
xyz
Ahmedabad
7
1200
Hotel Name:pqr   Address:goa        No of Rooms:2   Room charge:1000.0
Hotel Name:xyz   Address:Ahmedabad       No of Rooms:7   Room charge:1200.0
Hotel Name:abc   Address:mumbai   No of Rooms:4   Room charge:1500.0

C:\Users\jaini\Desktop\Educational\COLLEGE\SE\Java\hotel1>
```