

## Contact Details of Hosteller

SNMR College of Engineering and Technology wants to create an application to store their students details as well as the details of hostellers.

In case of any changes to be made to the attributes, admin can update the details like room number and phone number of the hosteler.

Develop a program to implement this scenario.

Create a public class Student with protected attributes :

```
int studentId  
String name  
int departmentId  
String gender  
String phone
```

Create a public class Hosteller with private attributes

```
String hostelName  
int roomNumber
```

Make this class inherit the Student class, as it holds all the properties of Student.

Use appropriate public getters and setters for both the classes.

Write a class Main with the main function.

In Main class get the input of the hosteller using the method :

```
public static Hosteller getHostellerDetails().
```

Invoke this method from the main method and then modify the room number and phone number, if needed.

### Sample Input 1:

Enter the Details:

Student Id

1

Student Name

John

Department Id

101

Gender

Male

Phone Number

9876543210

Hostel Name

YMCA

Room Number

10

Modify Room Number(Y/N)

Y

New Room Number

11

Modify Phone Number(Y/N)

Y

New Phone Number

9876543121

### **Sample Output 1:**

The Student Details

1 John 101 Male 9876543121 YMCA 11

### **Sample Input 2:**

Enter the Details:

Student Id

2

Student Name

John Paul

Department Id

112

Gender

Male

Phone Number

9885526536

Hostel Name

YMBA

Room Number

5

Modify Room Number(Y/N)

N

Modify Phone Number(Y/N)

N

### **Sample Output 2:**

The Student Details:

2 John Paul 112 Male 9885526536 YMBA 5