**Contact Details of Hosteller**

NIT 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 hosteller.

**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 (Hosteller) inherit the Student class, as it holds all the properties of Student.**

**Implement Composition – Student HAS Hosteller**

*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 Student Details & Hostel Details:  
Student ID: 101  
Student Name: John  
Department Id: 1  
Gender[M/F]: M  
Phone Number: 9848586878

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: 9876543128

**Sample Output 1:**

The Student Details are as follows:

Student ID: 101

Student Name: John

Department ID: 1

Student Gender: Male

Student Phone No: 9876543121

Hostel Name: YMCA

Room No: 11

**Sample Input 2:**Enter the Student Details & Hostel Details:  
Student Id: 2  
Student Name: John Paul  
Department Id: 112  
Gender[M/F]: M  
Phone Number: 9775526536  
Hostel Name: YMBA  
Room Number: 5  
Modify Room Number(Y/N): N  
Modify Phone Number(Y/N): N

**Sample Output 2:**The Student Details are as follows:

Student ID: 2

Student Name: John Paul

Department ID: 112

Student Gender: Male

Phone Number: 9885526536

Hostel Name: YMBA

Room No: 5