**Problem Statement  :     Generate a report for a list of students based on the location .**

 Create a class “**Student**” with following attributes

|  |  |
| --- | --- |
| **Attributes** | **Data Type** |
| **name** | String |
| **location** | String |
| **email** | String |
| **mobile** | long |

 Generate setter/getters for all class attributes and default constructor.

 Create parameterized constructor for **Student** with all the attributes.

 Generate   **Class** **StudentReport** with the following method

|  |  |
| --- | --- |
| **Method Name** | **method description** |
| static HashMap getReport(ArrayList  studentlist) | The method takes a List of students and returns a HashMap with the locations as key and count of students at particular location as value |
|  |  |

**static HashMap<String, Integer> getReport(List<Student>  studentlist)**

**Sample Input and Output :**

Enter Student’s Name, Location, Email and Mobile:

Ram Chennai [ram@gmail.com](mailto:ram@gmail.com) 9848586878

**Do you want to add more students[Y/N]: Y**

Enter Student’s Name, Location, Email and Mobile:

Raja Hyderabad [raja@hotmail.com](mailto:raja@hotmail.com) 798748547

**Do you want to add more students[Y/N]: Y**

Enter Student’s Name, Location, Email and Mobile:

Ganesh  Chennai [ramesh@yahoo.com](mailto:ramesh@yahoo.com) 8527419632

**Do you want to add more students[Y/N]: N**

**Expected Output**

**Location        Count**

Chennai           2

Hyderabad       1