Create a class named as **Customer**under **package :package2**, which contains following private variables/ attributes,

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | **Member Field name** | **Type** | | id | Long | | name | String | | gender | Character (M/F) | | email | String | | contactNumber | String | |  |  | |  |

Mark all the attributes as private  
Add a default constructor and a parameterized constructor to take in all attributes.

Create a separate **class Main under package :package2**, within it’s main() method, make 2 Customer objects and then compare between these Customers.

Two members are considered same if they have same email and contactNumber.

Implement the logic in the appropriate function. (**override equals method in class Customer**)

**Sample Input:**

Customer1 :

Id: **45**

Name: **John**

Gender: **M**

Email: [**john@a.com**](mailto:john@a.com)

contact number: **+997-4854-7485965123**

Customer2 :

Id: **12**

Name: **Marc**

Gender: **M**

Email: [**marc@a.com**](mailto:marc@a.com)

Contact number: **+997-4854-7485965123**

**Sample Output:**

Customer 1 and Customer 2 are different

output:

Customer 1:

ID: 1

Name: john

Gender: M

Email: john@gmail.com

Contact Number: 56567

Customer 2:

ID: 2

Name: akhil

Gender: M

Email: akhil@gmail.com

Contact Number: 9879

Customer 1 and Customer 2 are different

Customer 1:

ID: 1

Name: a

Gender: a

Email: a

Contact Number: a

Customer 2:

ID: 2

Name: a

Gender: a

Email: a

Contact Number: a

Customer 1 and Customer 2 are same