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**Client Interview Preparation**

You are on the verge of completing your training and being on-boarded to your first project. Before on-boarding, you are required to take up a client interview. Your academy wants to ensure that you clear the interview with flying colors. In a quick brainstorming, they thought every project would have an end user (Customer and Address). So they decided to frame questions based on these two classes.

**Customer Comparison**

Create a class named as **Customer**, which contains following private variables/ attributes,

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | **Member Field name** | **Type** | | id | Long | | name | String | | gender | Character (M/F) | | email | String | | contactNumber | String | | createdOn | Date (time in 24 hrs clock) dd/MM/yyyy HH:mm:ss | |  |

Mark all the attributes as private  
Create / Generate appropriate Getters & Setters.  
Add a default constructor and a parameterized constructor to take in all attributes.  
When the “customer” object is printed, it should display the following details: (override toString method)

* Customer: name
* Customer contact details: contactNumber, email

Two members are considered same if they have same email and contactNumber. Implement the logic in the appropriate function. (override equals method)

**Input format:**  
By default, there are only two customers. More details in Sample IO.  
  
**Output format:**  
If both the customers are same then print "**Customer 1 is same as Customer 2**" without quotes.  
Otherwise, print "**Customer 1 and Customer 2 are different**" without quotes.  
Refer Sample Input and Outputs.

**HINT:**  
Please print customer id in the Main class.  
The toString method should print as specified in the problem statement [ Name and contact details alone]  
  
**Sample Input and Output 1:**

Customer1 :

id:

**45**

name:

**John**

Gender:

**M**

email:

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

contact number:

**+997-4854-7485965123**

createdOn:

**12/10/2016 09:30:00**

Customer2 :

id:

**12**

name:

**Marc**

Gender:

**M**

email:

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

contact number:

**+997-4854-7485965123**

createdOn:

**11/10/2016 10:00:00**

Customer id 45

Customer: John

Customer contact details:+997-4854-7485965123, [john@a.com](mailto:john@a.com)

Customer id 12

Customer: Marc

Customer contact details:+997-4854-7485965123, [marc@a.com](mailto:marc@a.com)

Customer 1 and Customer 2 are different

**Sample Input and Output 2:**

Customer1 :

id:

**12**

name:

**James William**

Gender:

**M**

email:

[**james@a.com**](mailto:james@a.com)

contact number:

**+88-7489-9958748512**

createdOn:

**15/02/2017 10:00:00**

Customer2 :

id:

**78**

name:

**James Camron**

Gender:

**M**

email:

[**james@a.com**](mailto:james@a.com)

contact number:

**+88-7489-9958748512**

createdOn:

**03/03/2017 16:30:00**

Customer id 12

Customer: James William

Customer contact details:+88-7489-9958748512, [james@a.com](mailto:james@a.com)

Customer id 78

Customer: James Camron

Customer contact details:+88-7489-9958748512, [james@a.com](mailto:james@a.com)

Customer 1 is same as Customer 2