Create a class named as **Customer** under **package :package1**, 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  
Create / Generate appropriate Getters & Setters.  
When the “customer” object is printed, it should display the following details: (override toString method)

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

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 :**

Enter Customer Details:

ID : **45**

Name: **John**

Gender: **M**

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

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

**Sample Output:**

Customer id 45

Customer: John

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

****



Output :

Enter Customer Details:

ID: 45

Name: John

Gender: M

Email: john@a.com

Contact Number: +9889789775

customer id 45

Customer : John

Customer contact details: +9889789775, john@a.com