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

Customer2 :
Id: **12**
Name: **Marc**
Gender: **M**
Email: **marc@a.com**
Contact number: **+997-4854-7485965123**

Sample Output:
Customer 1 and Customer 2 are different

```
package package2;

import java.util.Scanner;

public class Main {

	public static void main(String[] args) {
		Scanner input = new Scanner(System.in);
		System.out.println("Customer 1: ");

		System.out.print("ID: ");
		long id = input.nextLong();
		System.out.print("Name: ");
		String name = input.next();
		System.out.print("Gender: ");
		char gender = input.next().charAt(0);
		System.out.print("Email: ");
		String email = input.next();
		System.out.print("Contact Number: ");
		String contactNumber = input.next();
		Customer customer1 = new Customer(id, name, gender, email, contactNumber);

		System.out.println("Customer 2: ");
		System.out.print("ID: ");
		id = input.nextLong();
		System.out.print("Name: ");
		name = input.next();
		System.out.print("Gender: ");
		gender = input.next().charAt(0);
		System.out.print("Email: ");
		email = input.next();
		System.out.print("Contact Number: ");
		contactNumber = input.next();
		Customer customer2 = new Customer(id, name, gender, email, contactNumber);

		if(customer1.equals(customer2)) {
			System.out.println("Customer 1 and Customer 2 are same");
		}
		else {
			System.out.println("Customer 1 and Customer 2 are different");
		}

	}

}
```

```
package package2;

public class Customer {
	private long id;
	private String name;
	private char gender;
	private String email;
	private String contactNumber;

	public long getId() {
		return id;
	}

	public void setId(long id) {
		this.id = id;
	}

	public String getName() {
		return name;
	}

	public void setName(String name) {
		this.name = name;
	}

	public char getGender() {
		return gender;
	}

	public void setGender(char gender) {
		this.gender = gender;
	}

	public String getEmail() {
		return email;
	}

	public void setEmail(String email) {
		this.email = email;
	}

	public String getContactNumber() {
		return contactNumber;
	}

	public void setContactNumber(String contactNumber) {
		this.contactNumber = contactNumber;
	}

	public Customer() {
		id = 0;
		name = "None";
		gender = 'M';
		email = "None";
		contactNumber = "None";
	}

	public Customer(long id, String name, char gender, String email, String contactNumber) {
		this.id = id;
		this.name = name;
		this.gender = gender;
		this.email = email;
		this.contactNumber = contactNumber;
	}

	public boolean equals(Object obj) {
		Customer customer = (Customer) obj;

		if(customer.getEmail().compareTo(email) == 0 && customer.getContactNumber().compareTo(contactNumber) == 0)
			return true;
		else{
			return false;
		}
	}

}
```

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
```