Kotlin Course Lab

1. Create a service class called **CustomerService** which will allow you to interact with **Customer** resources. The **CustomerService** class should allow you to
    1. Retrieve a Customer using a customer id.
    2. Retrieve all customers.
    3. Insert a customer.
    4. Optionally, you can add functionality to update and delete a customer.

2. The **CustomerService** should use a **CustomerDAO** to "persist" customers. The DAO should implement basic crud operations:
    1. insert
    2. update
    3. delete
    4. find(long id)
    5. findAll.

3. The **Customer** class should have at least the following properties:
    1. An **id**
    2. A name
    3. A dateOfBirth of type **LocalDate**
        1. You can initialize a LocalDate with the **of** method, e.g. LocalDate.of(1957, 10, 10)
    4. Zero or more phone numbers
    5. An email
    6. A status, which can have the following values:
        *   Privileged
        *   Normal
        *   Restricted

4. Test your classes by writing JUnit tests for them as you are writing them