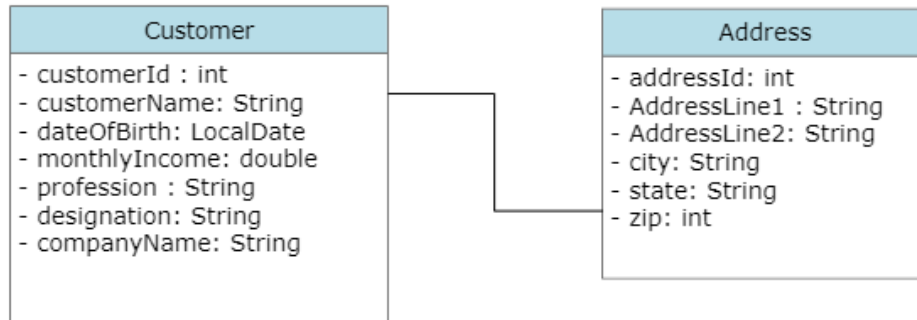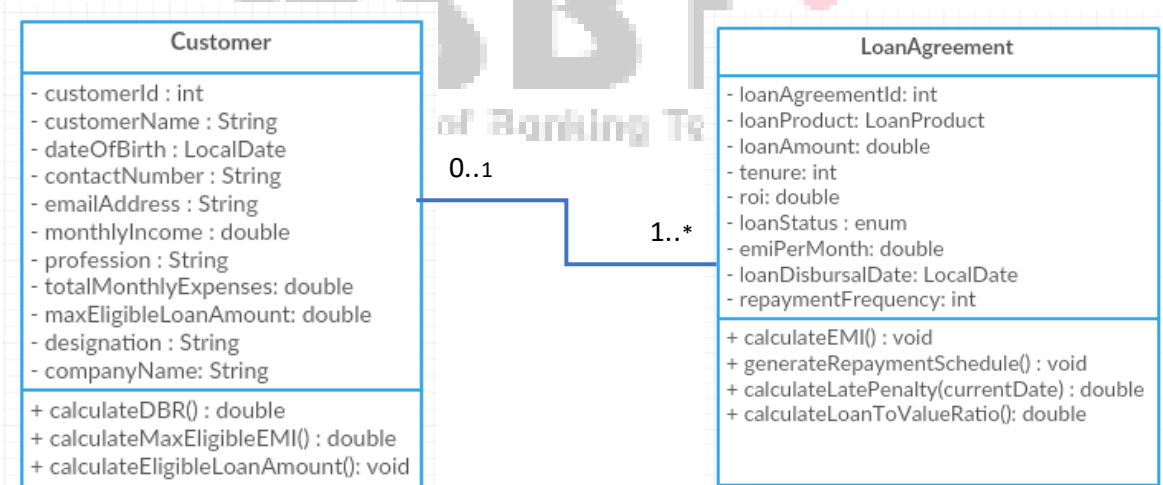1. Given below are the two entities,

The relationship between these two entities is One-to-One. Maintain the Uni-directional relationship between these two entities. Write an application to implement the relationship and perform the CRUD operations on the same. While doing the operations, implement both types of Fetching strategy – Eager and Lazy. Show with the help of comments the difference between both strategies.

2. Given below are the two entities, the relationship between the entities is One-To-Many

Maintain the Uni-directional relationship between these two entities. Write an application to implement the relationship and perform the CRUD operations on the same. While doing the operations, implement Cascading modes – PERSIST, REMOVE. Showcase the impact while saving and deleting the objects in DB. Mention your findings with the help of comments.

3. Assuming the relationship between the entities mentioned in the Question – 2 as Many-To-Many, implement the relationship and perform the CRUD operations.

4. Implement Bi-directional relationship between entities mentioned in Question-2 and perform operations as mentioned below:

   a. CRUD operations on a single Customer object
   b. Fetch all customers along with their loan details.
   c. Fetch a particular loan from table and print its details along with the Customer details who has taken the loan.