

Q1/- Consider the following classes:

```
class Customer
    cid
    name
    mobileNumber
    email
    List<Address> addresses; // Has-A relationship

class Address{

    state
    city
    pincode
    type
}
```

- Map the above Customer and Address classes.
- Create 2 Customer objects and each customer should have 3 addresses.
 - a. address1
 - b. address2
 - c. address3
- Make Sure that the Employee record should be inserted inside the **emp** table and addresses should be inserted inside the **emp_adr** table.
- Write a JPQL to get all addresses of a customer based on the cid. And print the details.

Q2/- Consider the following Entity class:

```
class Product
    productId
    productName;
    price
    quantity
```

- Insert 5 Products inside the table with valid details.
- Write a **Named Query** to get the productName and quantity of all the products.
- Write a **Named Query** to get the Product Price based on the Product Id.
- Write a JPQL to get the Product Details based on the product Id.
- Write a JPQL to get the total price of all the products.
- Write a JPQL to get all the products whose quantity is less than 5.