Module 05: Inheritance Mapping

Exercise 05.1 – Mapping Inheritance
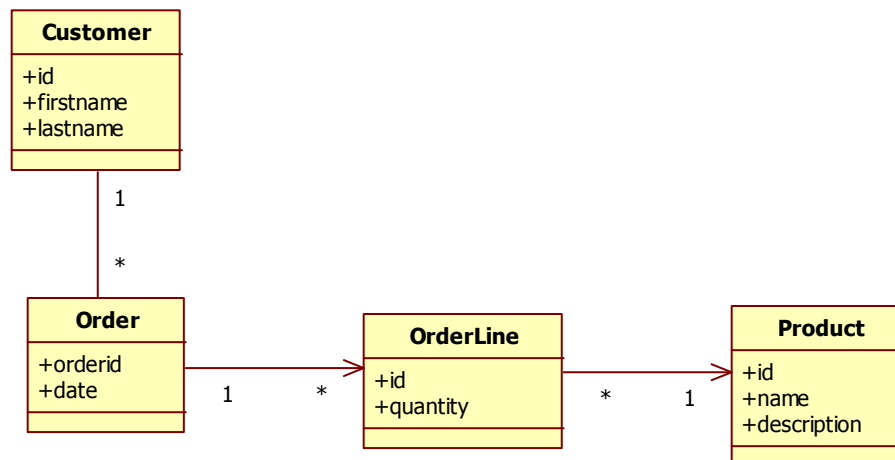
The Setup:

The objective of this exercise is to practice mapping inheritance. The choice of how you wish to implement your inheritance mapping, and which collections you wish to use for your association mappings is left up to you.

Start this exercise by creating a new project called **exercise05.1** Remember to also add the **Hibernate dependencies** to the project's pom.xml.

This exercise consists out of 2 parts. In the first part you will create a basic application that does not use inheritance. Once you have tested to see that the application works, the second part asks you to add inheritance, and test it again.
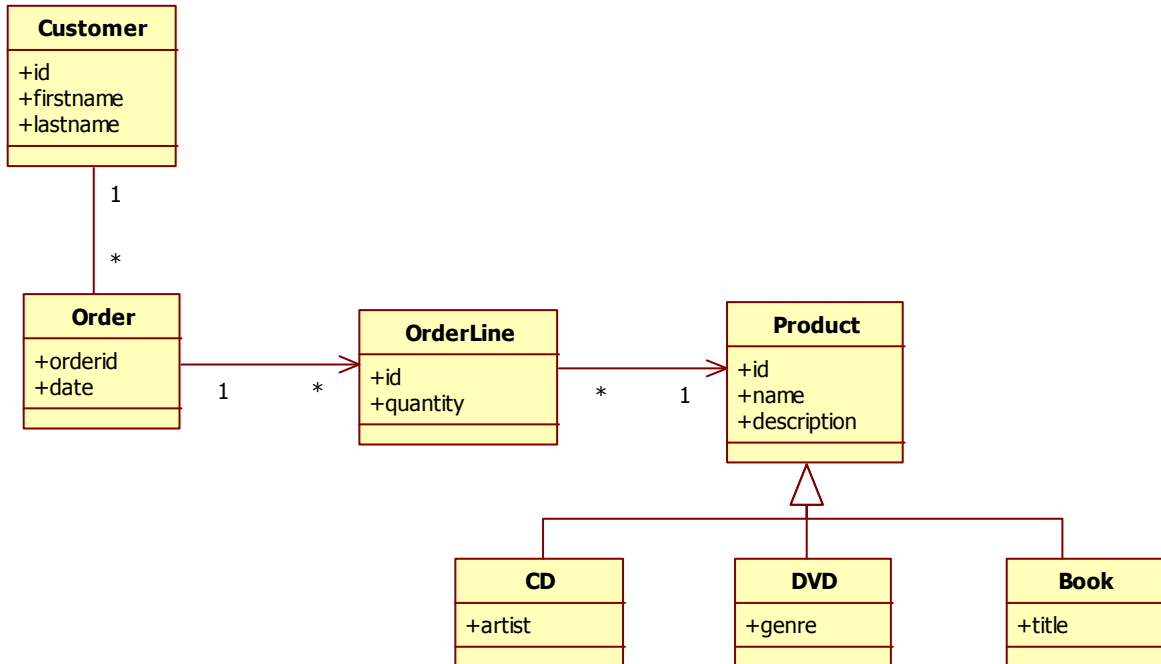
The Exercise:

a) Create a small hibernate application that uses the following entities:

Please note: Order is a SQL reserved keyword; you can create an `Order` table by escaping it with back-tick. Alternately you can use the @Table annotation to provide a different table name.

Test the application by creating an object tree of the given domain classes, saving this tree to the database, and then retrieving the objects from the database to check if everything was persisted correctly.

b) Change the application to use the following updated domain:

Once again test the application by creating an object tree (now containing CDs, DVDs, and Books), saving it to the database, and then retrieving it to check if everything was persisted correctly.