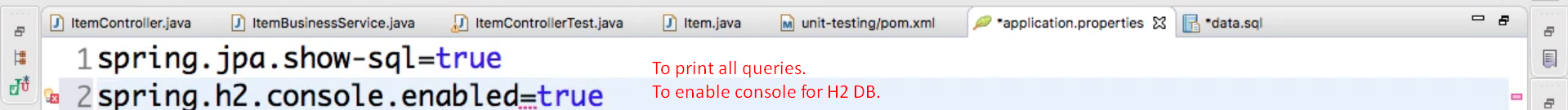
1. In last lecture, we brought the Hibernate Dependency in and we saw that the DataSource was created to connect with in-memory DB but didn’t see any table and so no data in console output.
2. To be able to see that (table)we need to create a few entities. Let’s do that in this specific step.
3. Let’s make an Item.java an entity by using **@Entity**.
4. Graphical user interface, text, application

   Description automatically generated
5. 
6. let’s open the H2 Console to see the status of table item.Graphical user interface, application, Word

   Description automatically generated  
   Graphical user interface, text, application

   Description automatically generated
7. Let’s add some data to the table from the app.  
   Graphical user interface, text, application

   Description automatically generated
8. Graphical user interface, text, application, email

   Description automatically generated
9. **Just lecture material didn’t work for me. Add the following in case the app is not running**
   1. **Properties**:

spring.h2.console.enabled=true

spring.datasource.url=jdbc:h2:mem:testdb;NON\_KEYWORDS=USER

spring.data.jpa.repositories.bootstrap-mode=default

spring.jpa.defer-datasource-initialization=true

b. **Query in data.sql under resource**:  
CREATE TABLE item (id int, name varchar(255), price int, quantity int);

c. **H2 Console**:  
Graphical user interface, application

Description automatically generated

d. **Changing from javax.**persistence.Entity **to jakarta.**persistence.Entity