

Part 1 - Setup:

- Initialize a new Spring Boot project with following required dependencies:
 - Spring Web
 - Spring Data JPA
 - MySQL Driver
 - H2 Database (for testing)
- Create empty database in MySQL
- Configure your production MySQL DataSource with application.properties file.
- Create **resources** directory in **test** directory. (Should come up as a suggestion once you right click test folder)
- Change **pom.xml** H2 dependency to be active in test by changing:
`<scope>runtime</scope> → <scope>test</scope>`
- Configure your H2 database with a new application.properties file added in the resource folder under the test folder.
(will override the other application.properties file)