

Assignment 2

In this Assignment you have to write unit test in Java. The assignment includes multiple steps which need to be followed to setup an environment:

INSTRUCTIONS for Installation:

1. You need to Download IntelliJ from the following link:
<https://www.jetbrains.com/idea/download/?section=windows>
 - a. Create student account using University email to get the free license from following link: <https://www.jetbrains.com/community/education/#students/>
2. After downloading install the IntelliJ. And connect your student account with it.
3. After installation create the project select your desired folder for it. You will need to download JDK to run java (this option is available in IntelliJ by default you can download from there).
4. Then Install MYSQL (or any other if you are already using some) download link:
<https://dev.mysql.com/downloads/installer/> (download 300MB one)
5. Install the full version (you can ask for help from me in case you face any problem)
6. After installation is complete Go back to your project (IntelliJ) on top right corner you will find the Database Icon click on it. From the list select your SQL server (if download MYSQL select that or you can select any other).
7. In the modal enter your username (most of the time it is root (if you didn't change)) and your password.
8. You will find option to download the drivers download it. Test connection and Click on Ok
9. Run the provided SQL script
10. After that change the variables (user name and password) in Java file with your username and password. And run the java code. You will see the simple login in Screen.

ASSIGNMENT INSTRUCTION:

you have to write 5 testcase for this login functionality. (Remember 1 testcase is not equal to 1 assert).

Run the test coverage and show the result in document.

You have to find the errors in login and adjust the code accordingly.