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Project setup:

Step1: Installation software and connection:
Java Development Kit (Java SE 18)
https://www.oracle.com/java/technologies/downloads/#jdk18-windows

Choose the appropriate version and follow the instructions of the java .exe file to download Java:

Linux	macOS	**Windows**		
Product/file description		File size	Download	
x64 Compressed Archive		172.79 MB	https://download.oracle.com/java/18/latest/jdk-18_windows-x64_bin.zip (sha256 ☑)	
x64 Installer		153.37 MB	https://download.oracle.com/java/18/latest/jdk-18_windows-x64_bin.exe (sha256 ☑)	
x64 MSI Installer		152.25 MB	https://download.oracle.com/java/18/latest/jdk-18_windows-x64_bin.msi (sha256 ☑)	

Eclipse IDE (2022-06)
https://www.eclipse.org/downloads/download.php?file=/oomph/epp/2022-06/R/eclipse-inst-jre-win64.exe

Choose the appropriate operation version and follow the eclipse instruction to get Eclipse IDE

Eclipse IDE for Java EE Developers

Package Description

Tools for Java developers creating Java EE and Web applications, including a Java IDE, tools for Java EE and JSF, Mylyn and others.

This package includes:

▸ Detailed features list

Maintained by: WTP and the Eclipse Packaging Project

Download Links

Windows 32-bit | Linux 32-bit | x86_64

Downloaded 0 Times

▸ Checksums...

Bugzilla

▸ Open Bugs: 0

▸ Resolved Bugs: 0

File a Bug on this Package

New and Noteworthy

An Open-Source Strategy

The Eclipse Installer 2022-06 R now includes a JRE for macOS, Windows and Linux.

Get **Eclipse IDE 2022-06**

Install your favorite desktop IDE packages.

Download x86_64

Download Packages | Need Help?

Configuring JDK in Eclipse:

Launch eclipse EE

Eclipse IDE Launcher   ✕

Select a directory as workspace

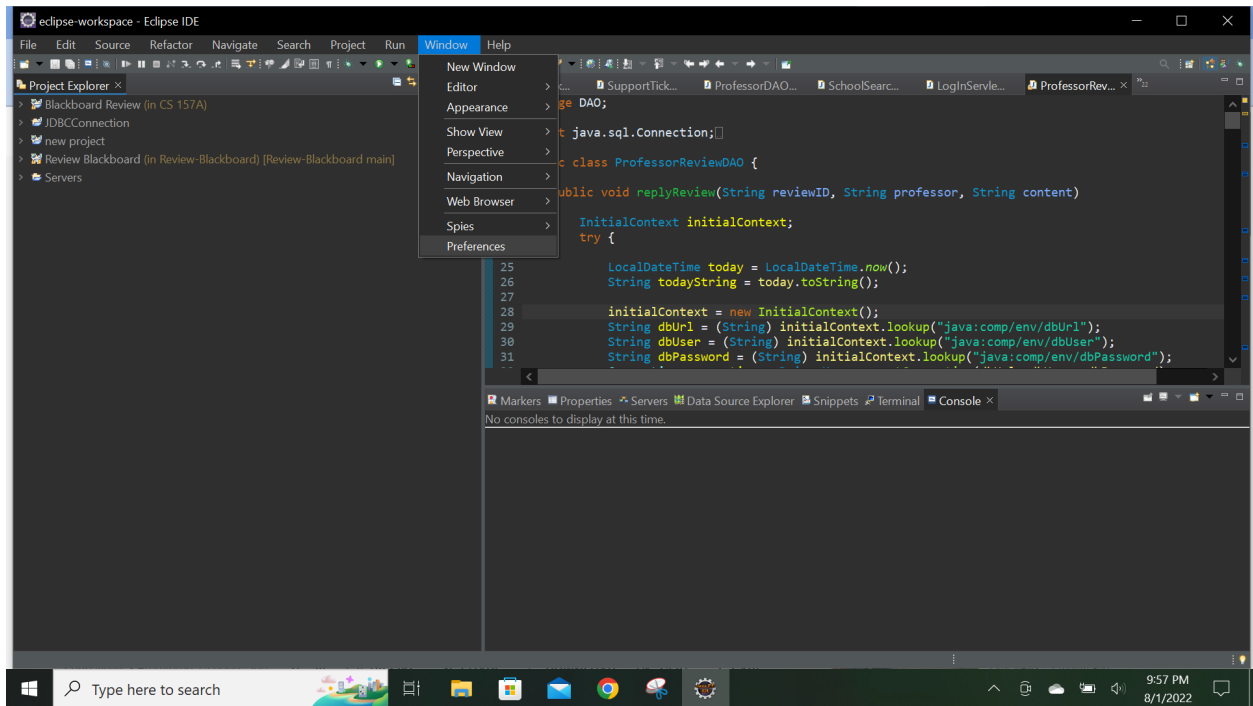Eclipse IDE uses the workspace directory to store its preferences and development artifacts.

Workspace: C:\Users\hungl\eclipse-workspace   ⌄   Browse...

☐ Use this as the default and do not ask again
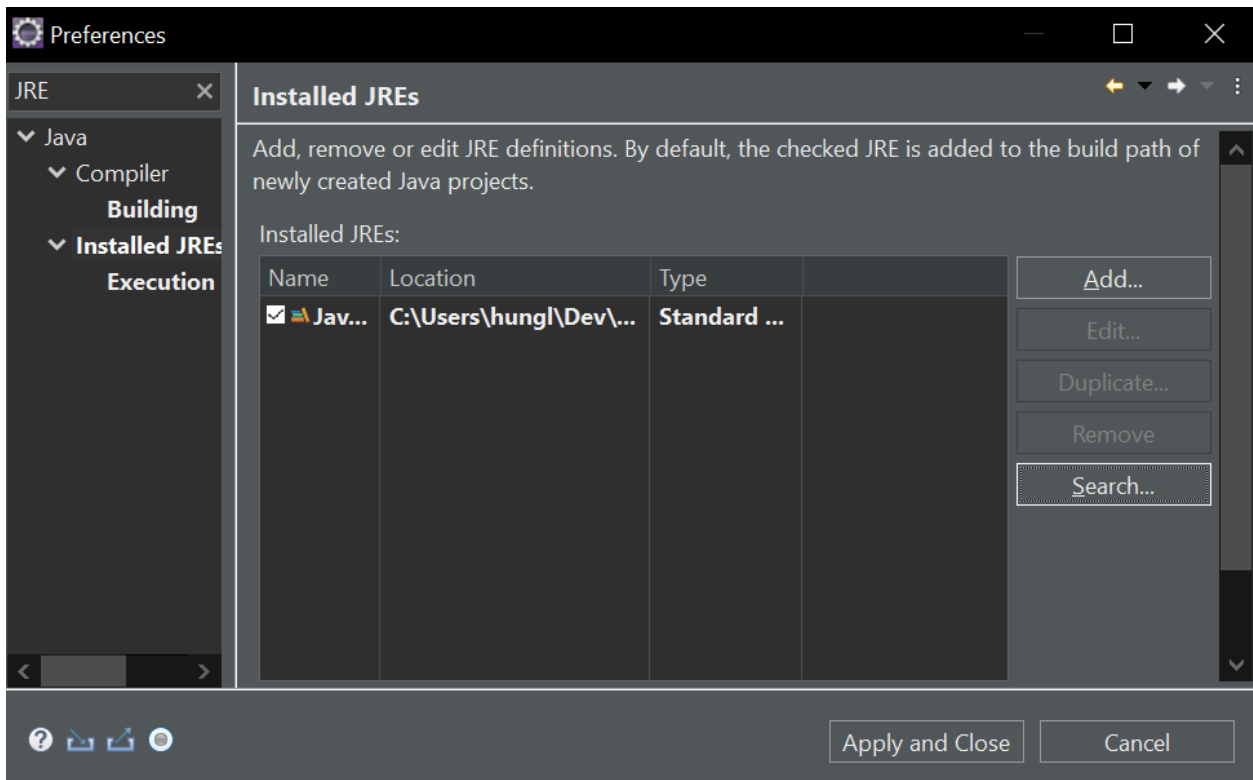
▸ **Recent Workspaces**

Launch   Cancel

Open the window and choose Preferences:

Search JRE selects Installed JREs, and search choose installed JDK previously:

Click Apply and closed.

Apache Tomcat (8.0.36)
https://tomcat.apache.org/download-80.cgi

Choosing the appropriate version:
For window, choose 64-bit Windown.zip
For Mac and Linux, choose tar.gz

Unzip the package and save it to the appropriate location:

Configuring Tomcat in Eclipse:
Open the server tab and click create a new server
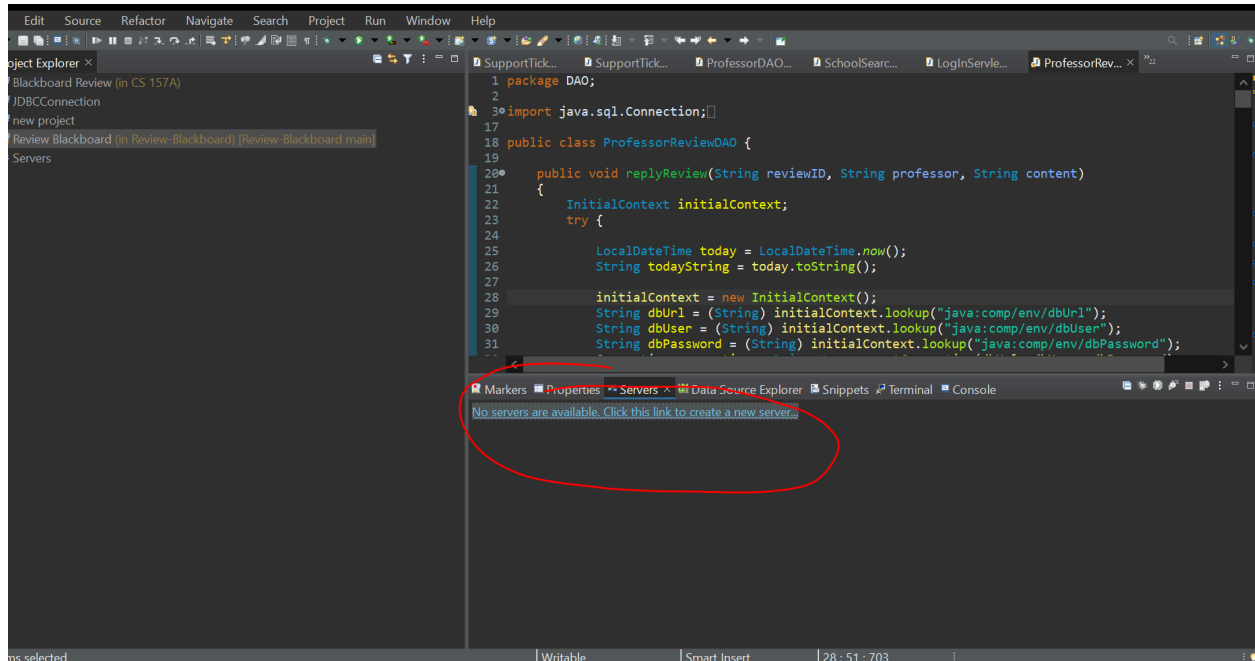
Open Apache and choose the appropriate tomcat version, then click finish:

MySQL Server
https://dev.mysql.com/downloads/mysql/
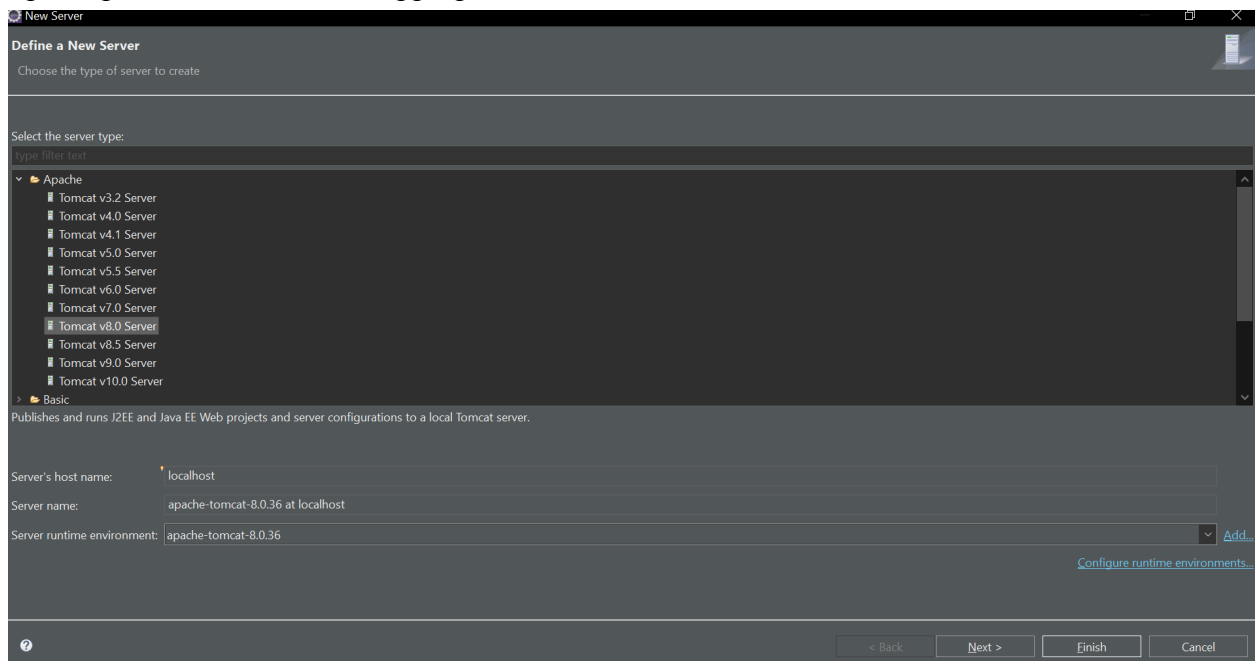
Choose your Operating System, and click Go to download page:

Choose either version to download

Run the .exe file and follow the instruction:
Choose the web server only option, then click next

Click Execute and wait a few minutes:
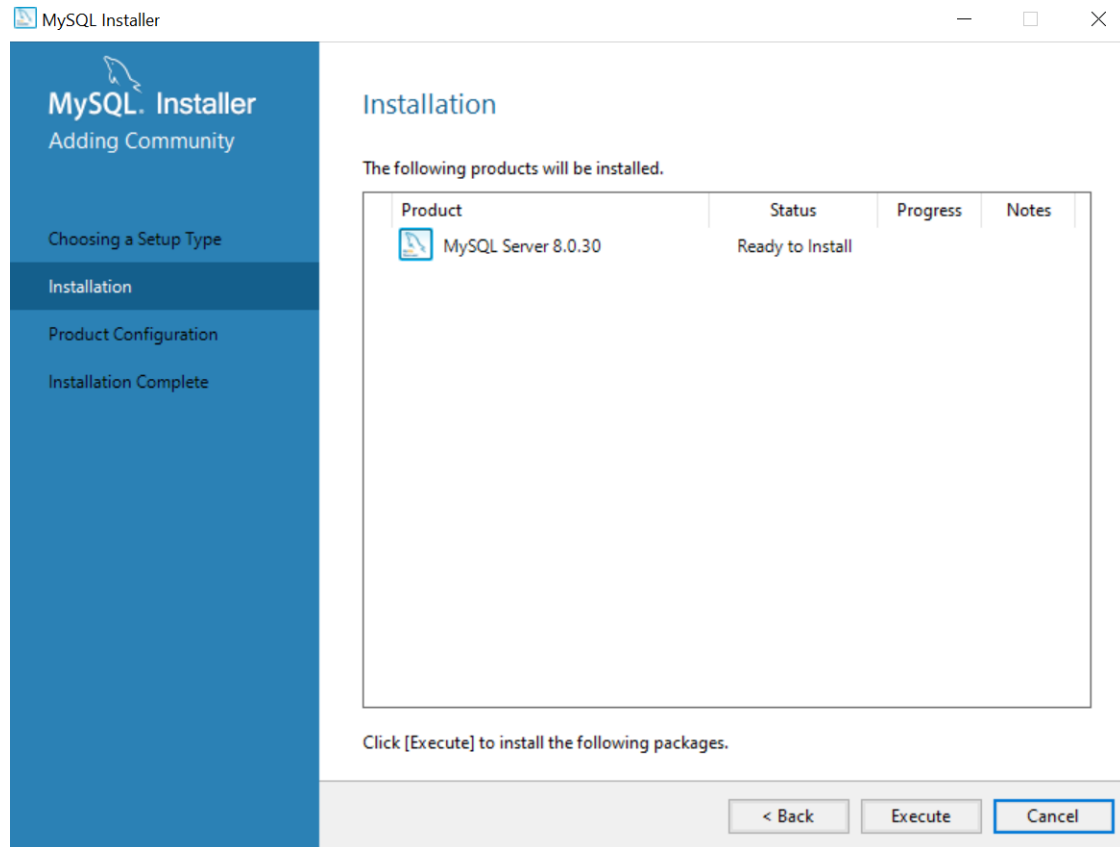
Then click next until seeing the scene set up a password, for minimal setting up using the password "oracle"

Click next then execute:

Wait until the program is complete then click finish

MySQL Workbench (8.0.30):
https://dev.mysql.com/downloads/workbench/

Recommended Download:

MySQL Installer for Windows

All MySQL Products. For All Windows Platforms. In One Package.

Starting with MySQL 5.6 the MySQL Installer package replaces the standalone MSI packages.

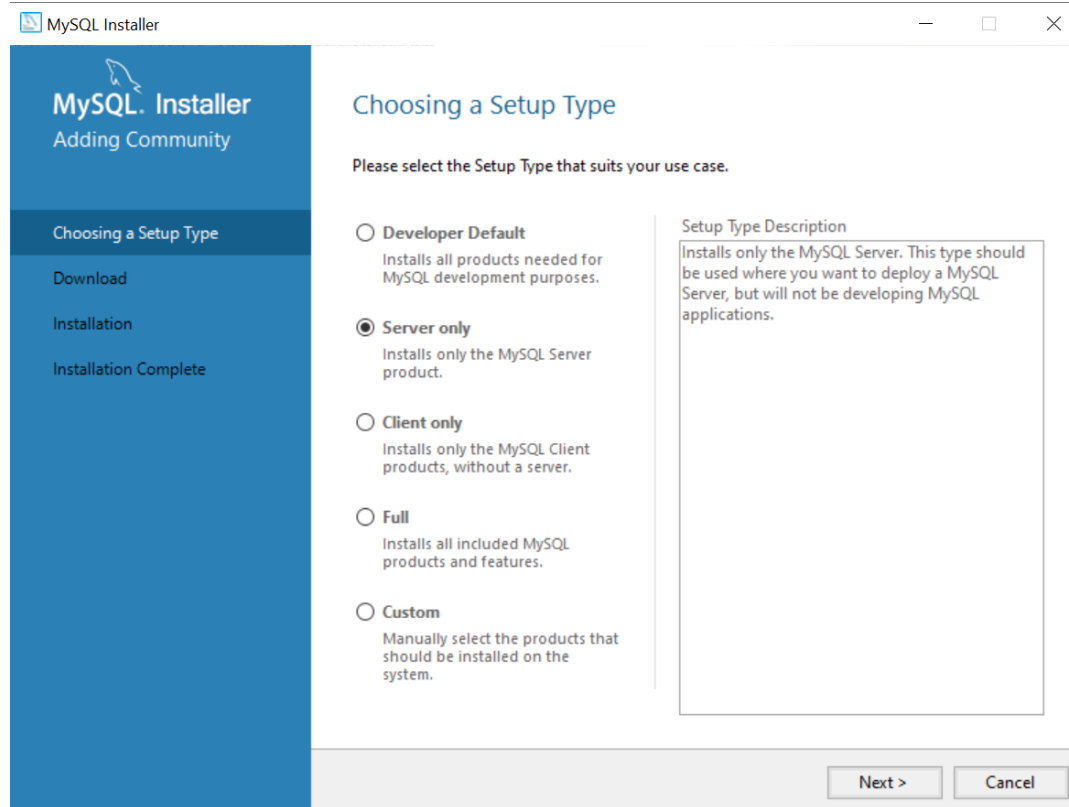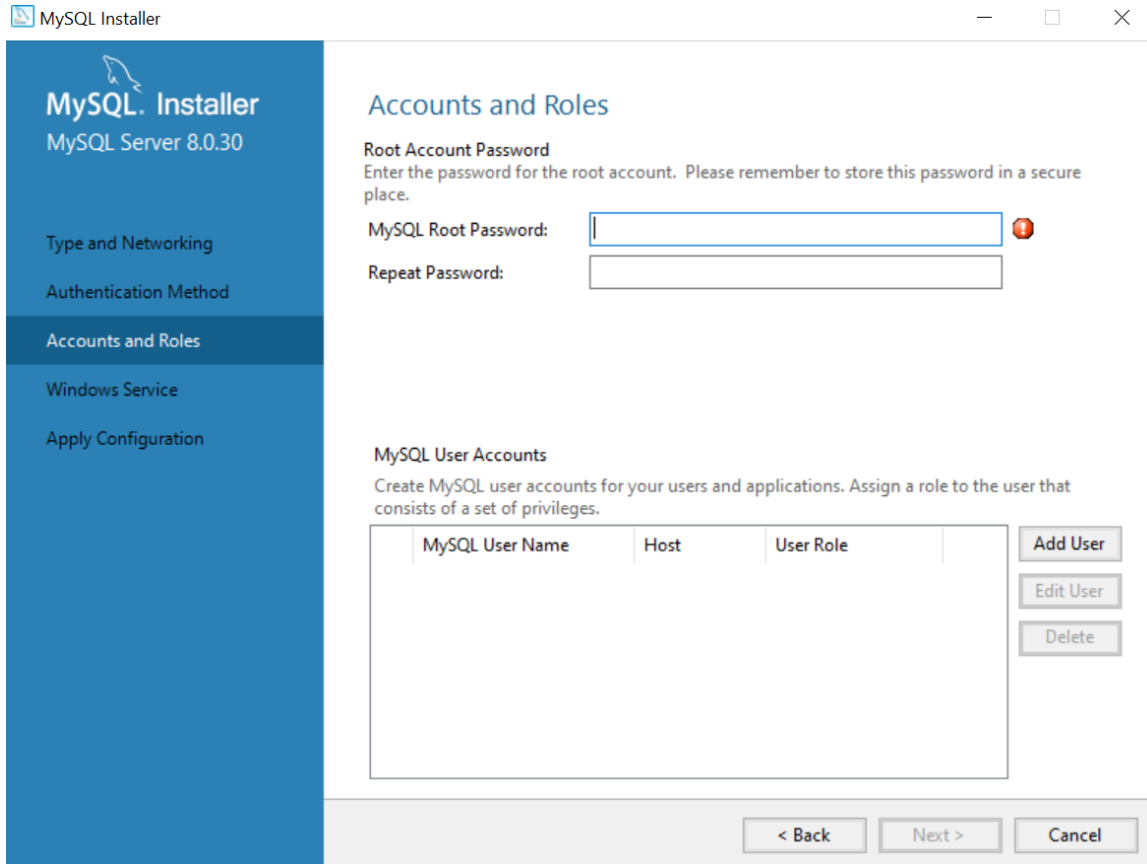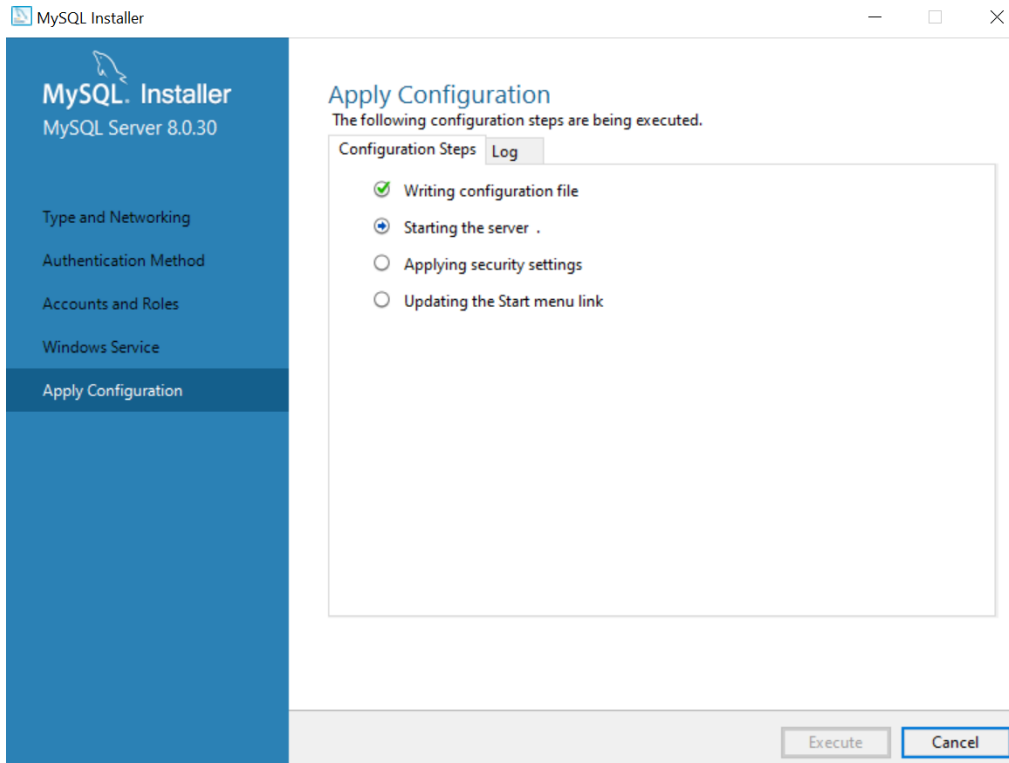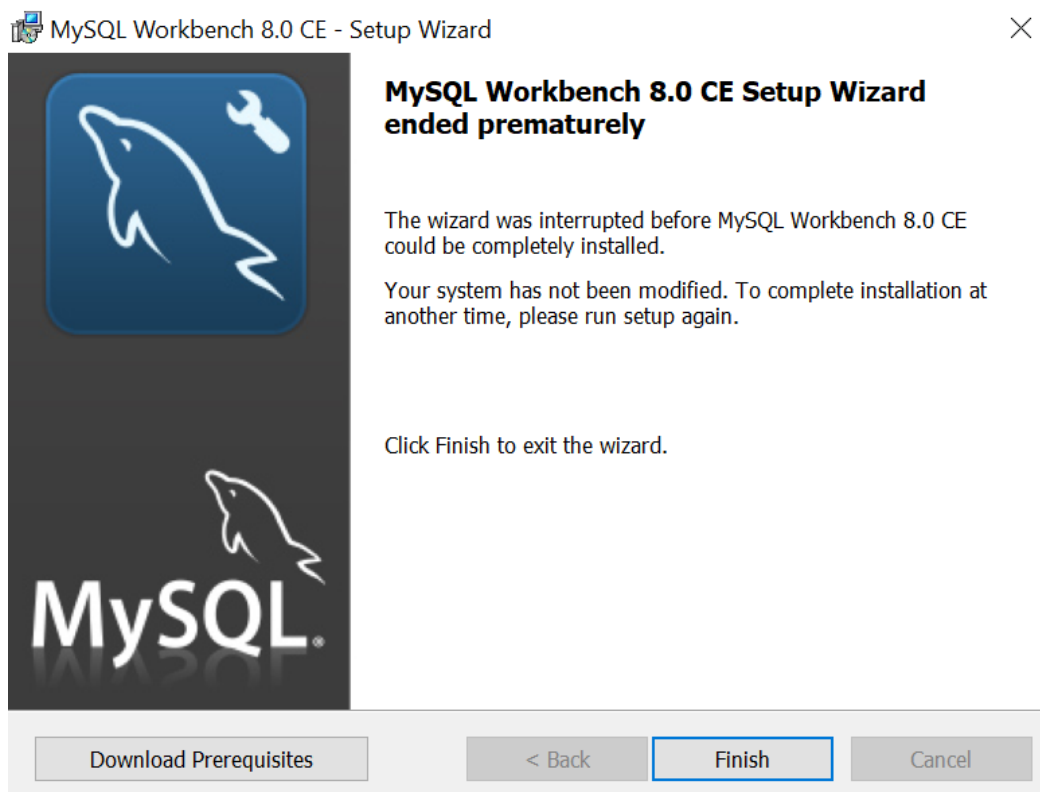**Windows (x86, 32 & 64-bit), MySQL Installer MSI**   Go to Download Page >

Other Downloads:

| Windows (x86, 64-bit), MSI Installer | 8.0.30 | 44.5M | Download |
| (mysql-workbench-community-8.0.30-winx64.msi) | MD5: 5c7def4c83989f60522972455a512c1d | Signature |

We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

Follow the .exe file instruction and install the MySql workbench:

MySQL Workbench 8.0 CE - Setup Wizard

MySQL Workbench 8.0 CE Setup Wizard ended prematurely

The wizard was interrupted before MySQL Workbench 8.0 CE could be completely installed.

Your system has not been modified. To complete installation at another time, please run setup again.

Click Finish to exit the wizard.

| Download Prerequisites | < Back | Finish | Cancel |

Launch it and use the password set up previously to log In:
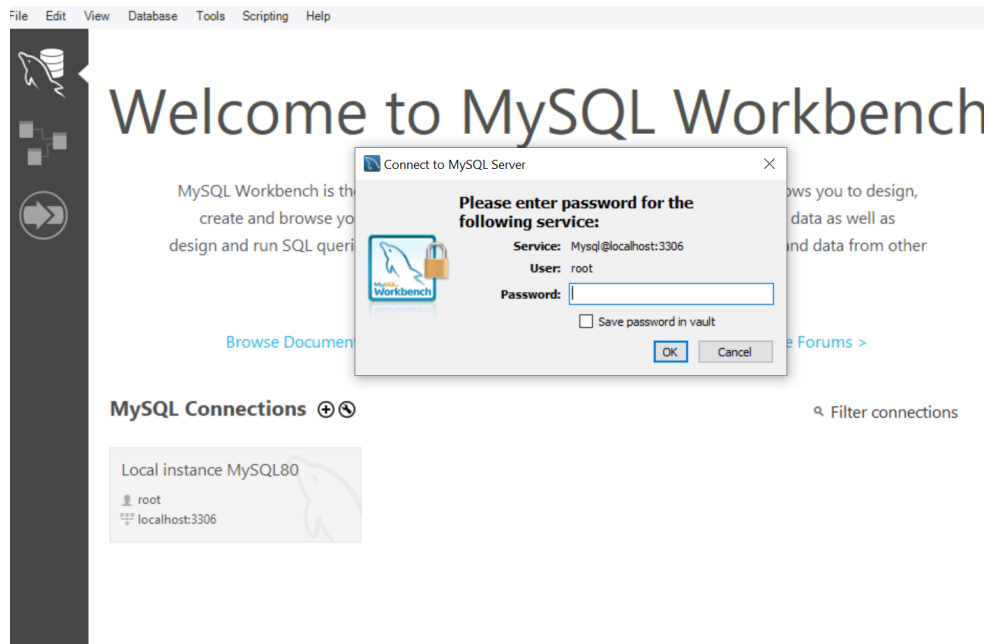
Step 2:

Go to GitHub and get the zip folder then unpack it in appropriate location,

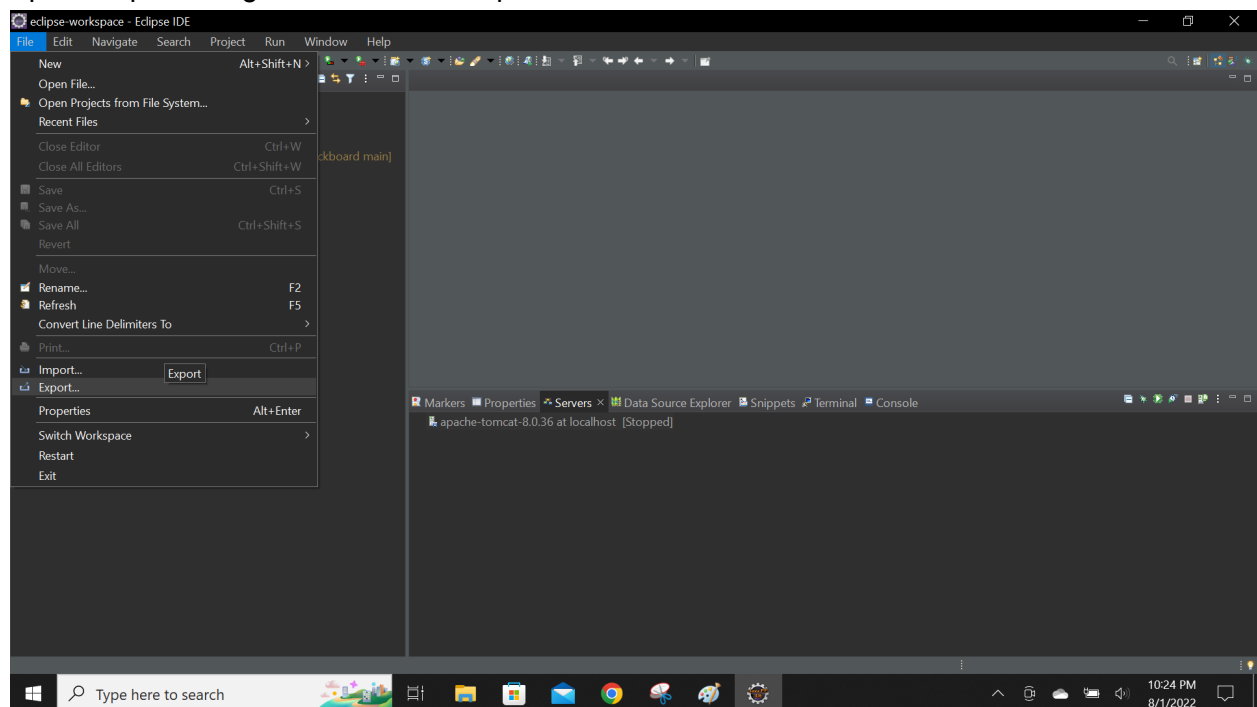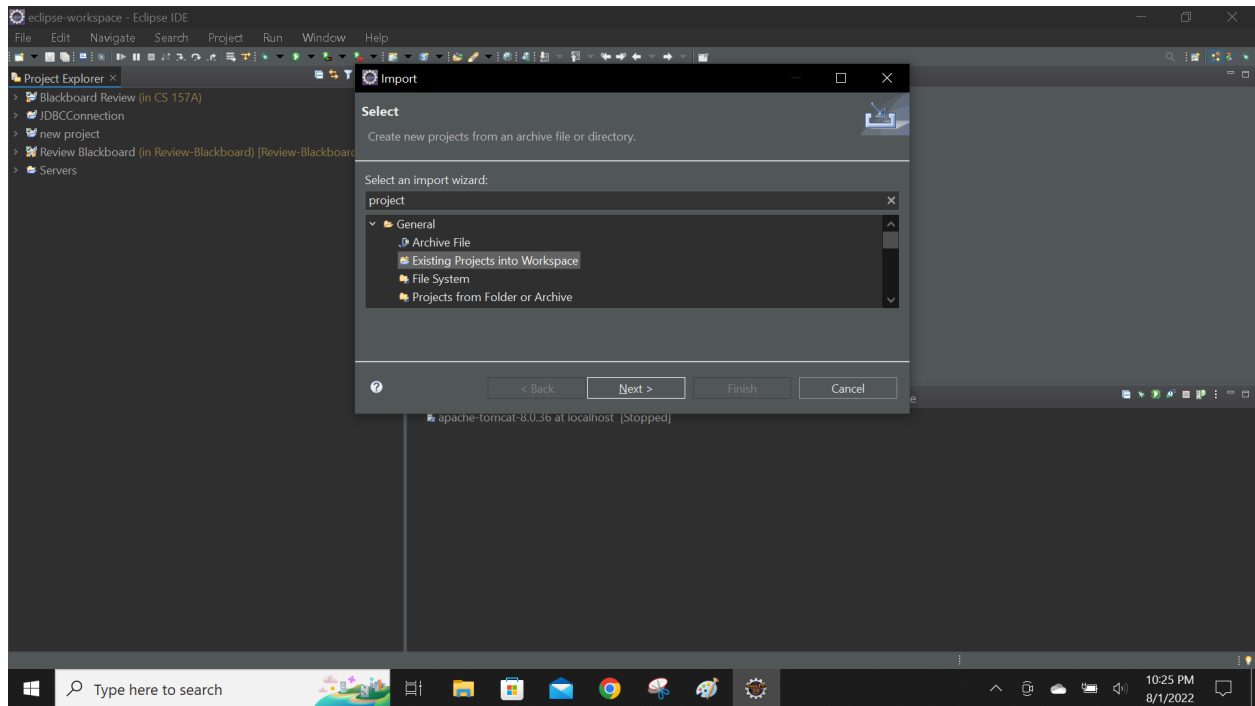Open eclipse IDE goes to file, then import:

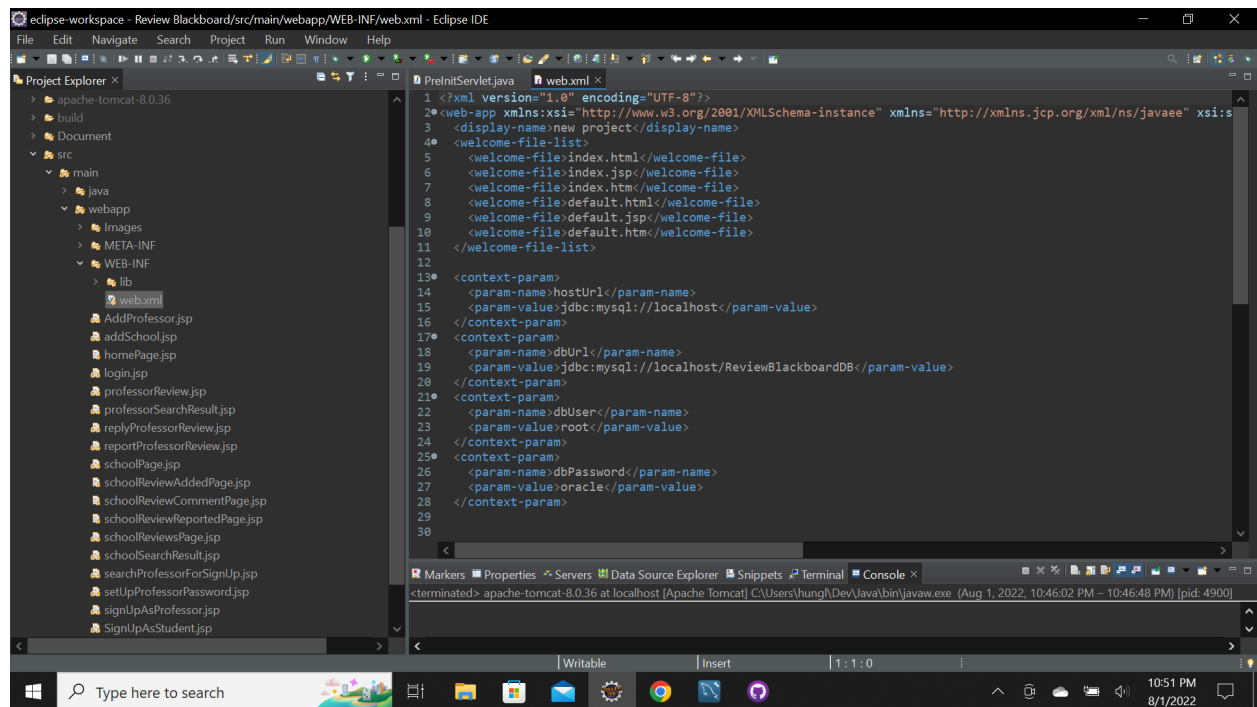Search and choose option "Existing project to workspace":

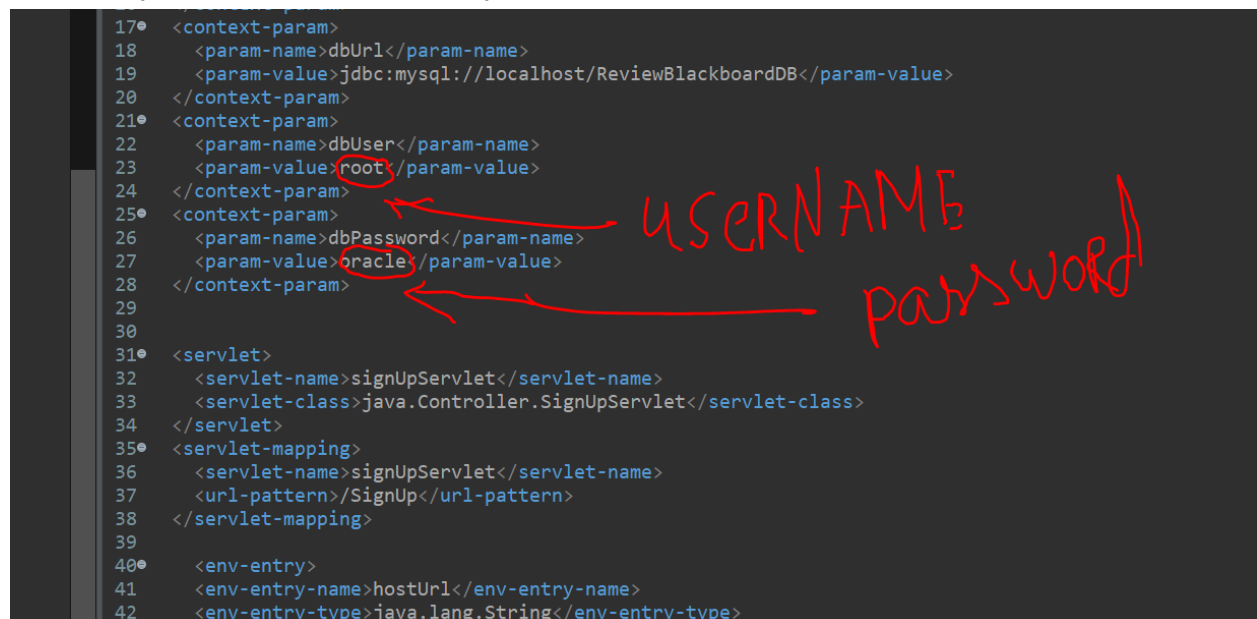Browse for the project location and click finish
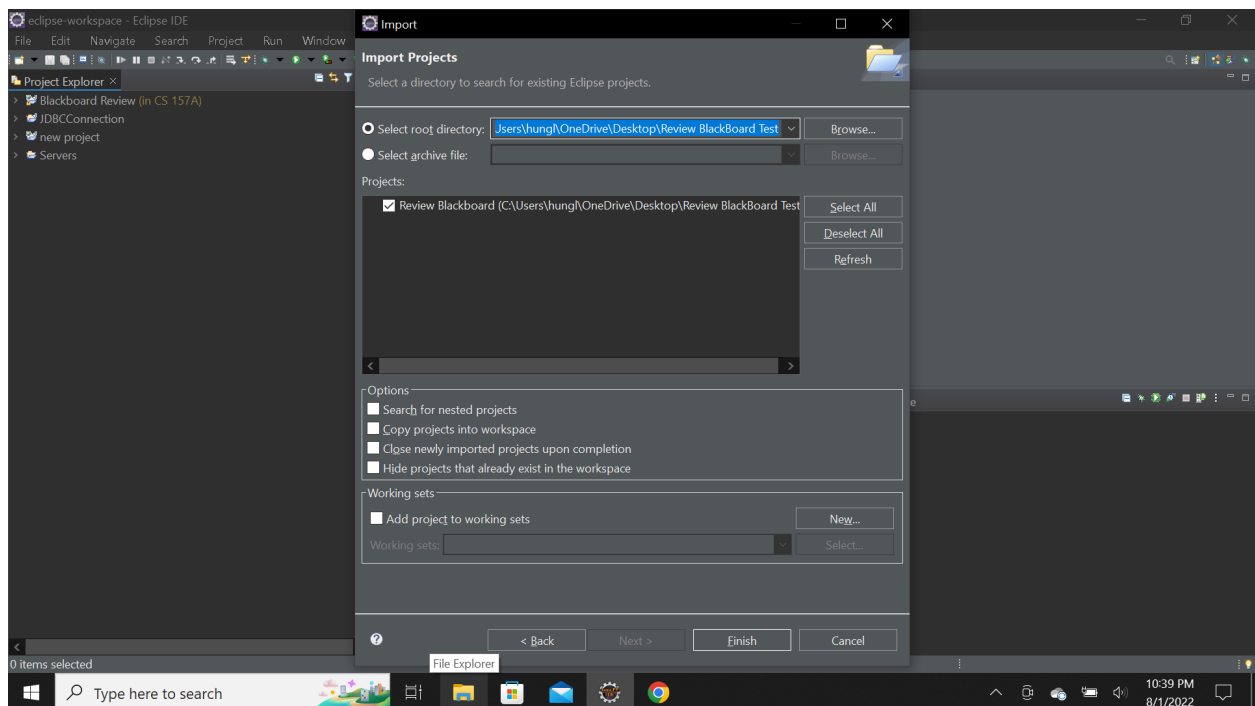
Setting up Mysql username and password:

Open the project and go to "…\src\main\webapp\WEB-INF\web.xml" and open the file "**web.xml**" with a generic text editor

Set up your username on line 23 , 55 and password on line 27 , 61 to the username and password you choose when install MySQL:
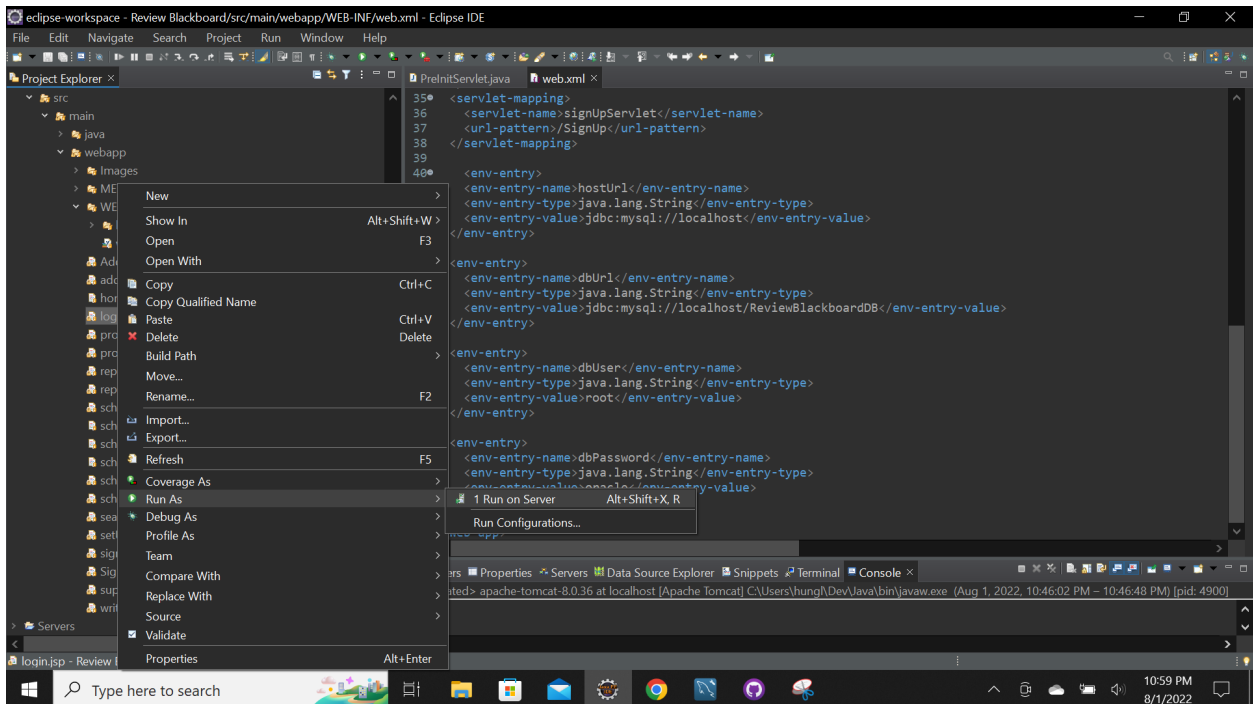
```
41    <env-entry-name>hostUrl</env-entry-name>
42    <env-entry-type>java.lang.String</env-entry-type>
43    <env-entry-value>jdbc:mysql://localhost</env-entry-value>
44  </env-entry>
45
46⊜  <env-entry>
47    <env-entry-name>dbUrl</env-entry-name>
48    <env-entry-type>java.lang.String</env-entry-type>
49    <env-entry-value>jdbc:mysql://localhost/ReviewBlackboardDB</env-entry-valu
50  </env-entry>
51
52⊜  <env-entry>
53    <env-entry-name>dbUser</env-entry-name>
54    <env-entry-type>java.lang.String</env-entry-type>
55    <env-entry-value>root</env-entry-value>
56  </env-entry>
57
58⊜  <env-entry>
59    <env-entry-name>dbPassword</env-entry-name>
60    <env-entry-type>java.lang.String</env-entry-type>
61    <env-entry-value>oracle</env-entry-value>
62  </env-entry>
63
```
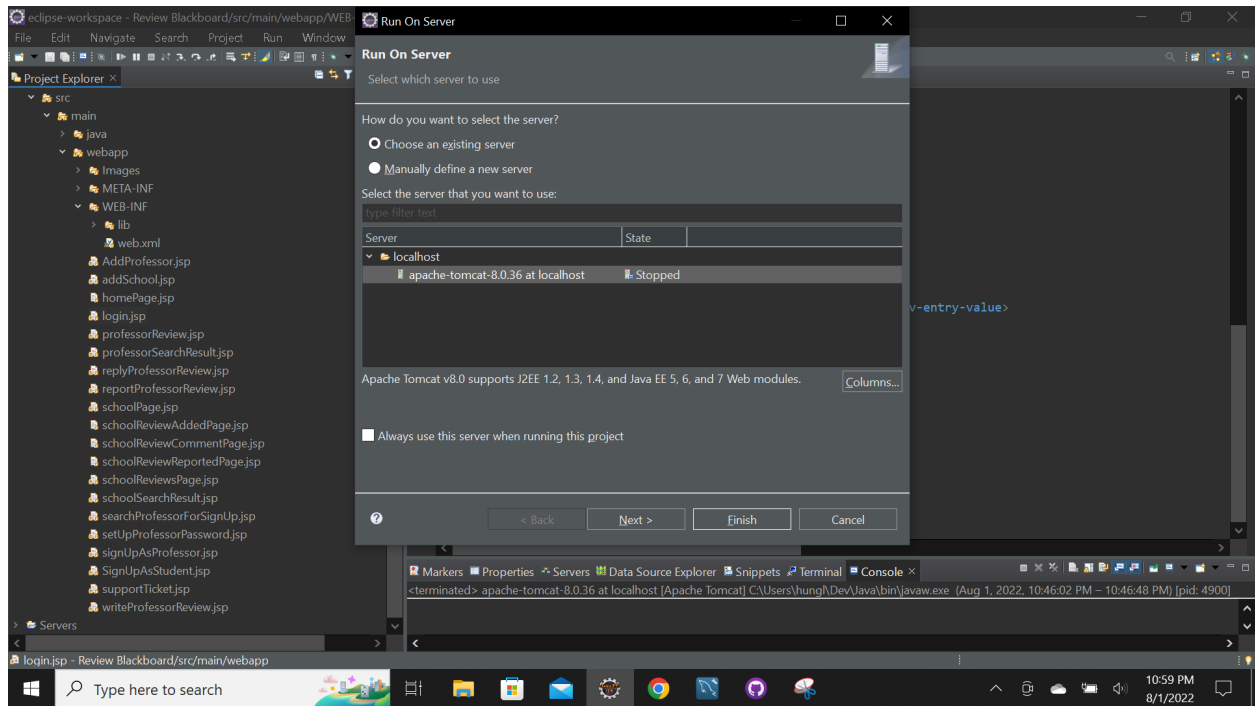
USERNAME

PASSWORD

Follow the path "src\main\webapp\login.jsp" to find login.jsp file. Then run it with the tomcat server

Log in page with open and database will be added into MySQL server.

Log In

Email

Password

| LOG IN | SIGN UP AS STUDENT | SIGN UP AS PROFESSOR |

SCHEMAS

🔍 Filter objects

▼ 🗄 reviewblackboarddb ⓘ⊘ ⌃
  ▼ 🗐 Tables
    ▶ 🔳 comm_prof_rev
    ▶ 🔳 comm_school_rev
    ▶ 🔳 prof_flags_screv
    ▶ 🔳 prof_reviews
    ▶ 🔳 professor
    ▶ 🔳 professorsupportticket
    ▶ 🔳 school
    ▶ 🔳 school_reviews
    ▶ 🔳 stud_flags_screv
    ▶ 🔳 stud_reports_prev
    ▶ 🔳 student
    ▶ 🔳 studentsupportticket
  🗐 Views ⌄

Administration Schemas