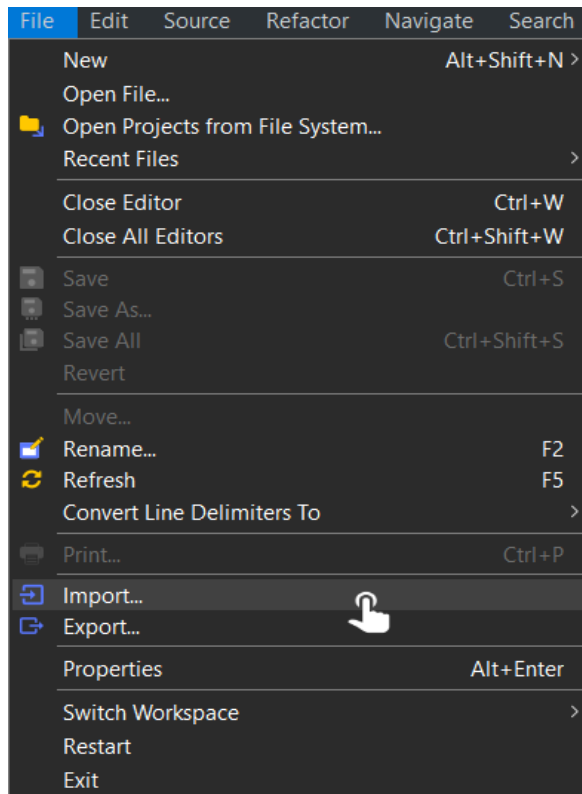
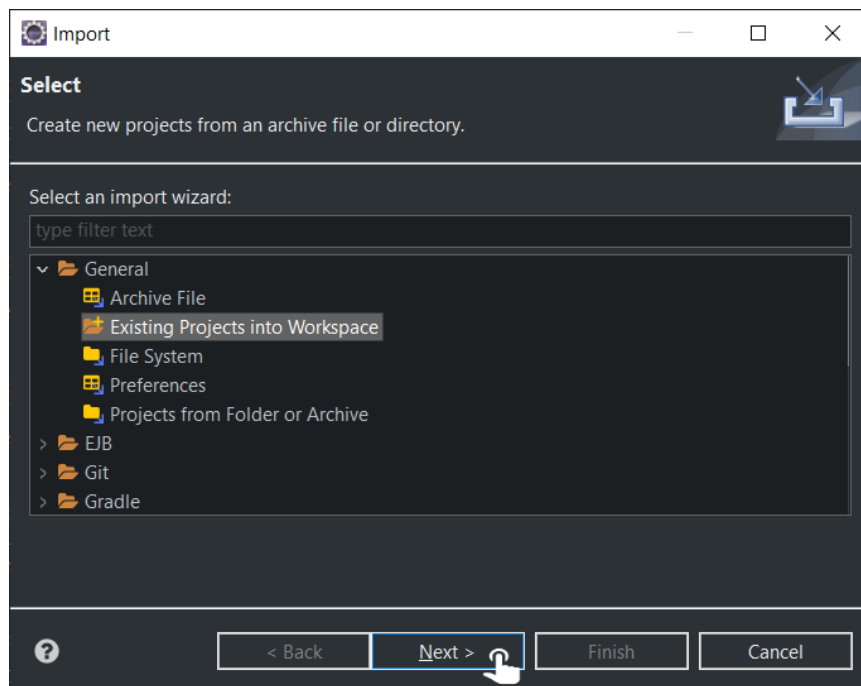


1.Import the “Seraflega” project.

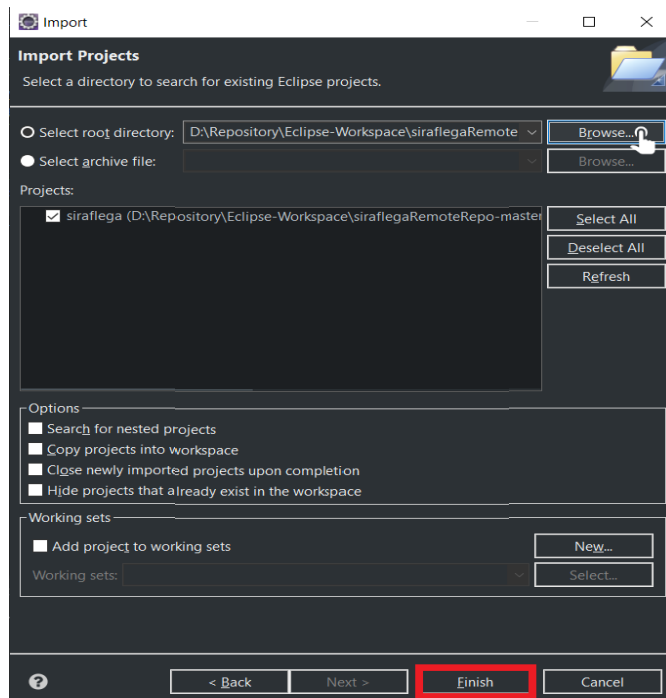
- Click File > Import.



- Click General > Existing Projects into Workspace then click “Next”.



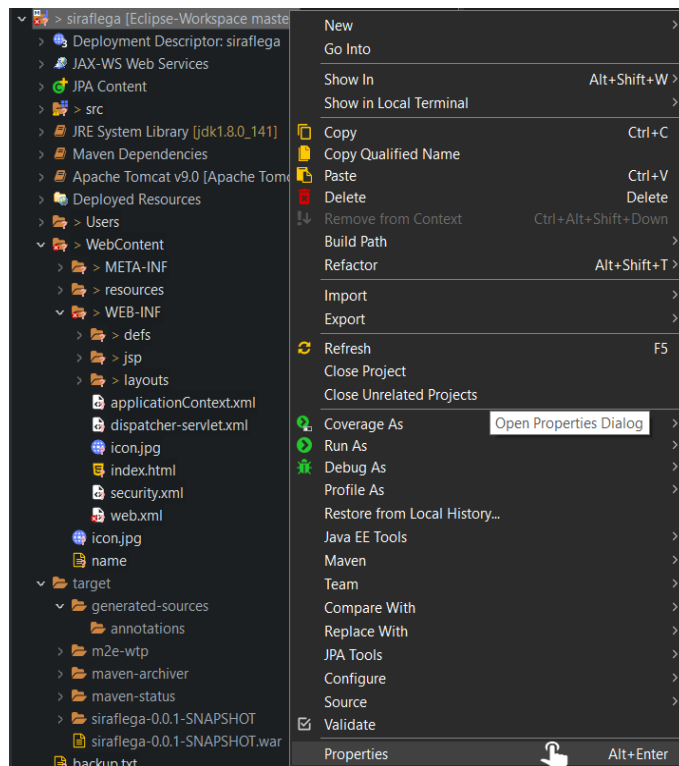
- Click “Browse”



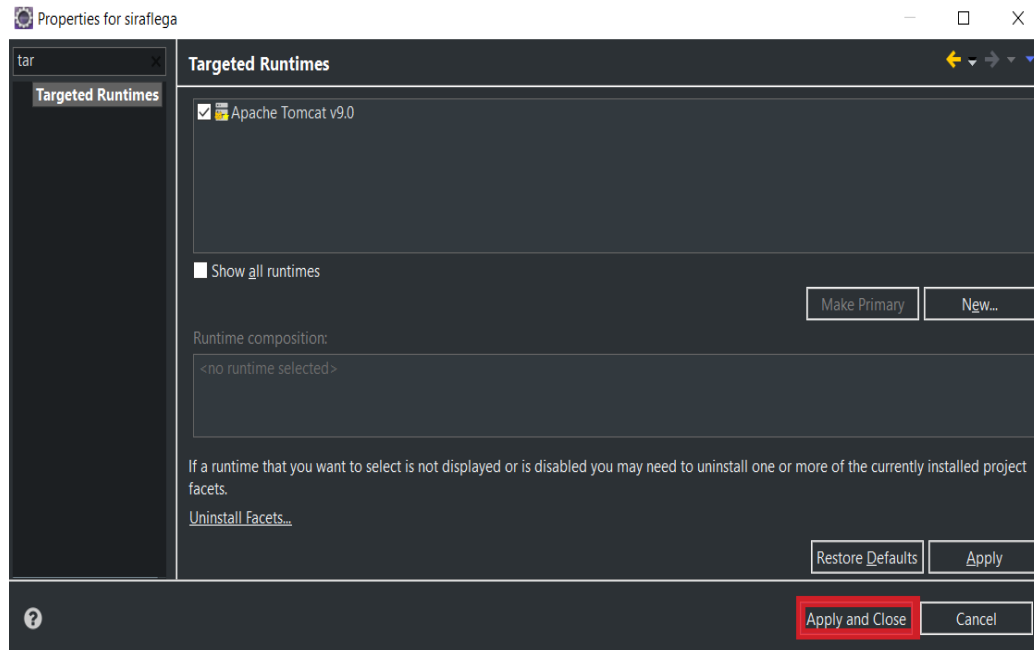
Then click “Finish”.

2. Change targeted runtime.

- Right Click on the “seraflega” project and Click Properties

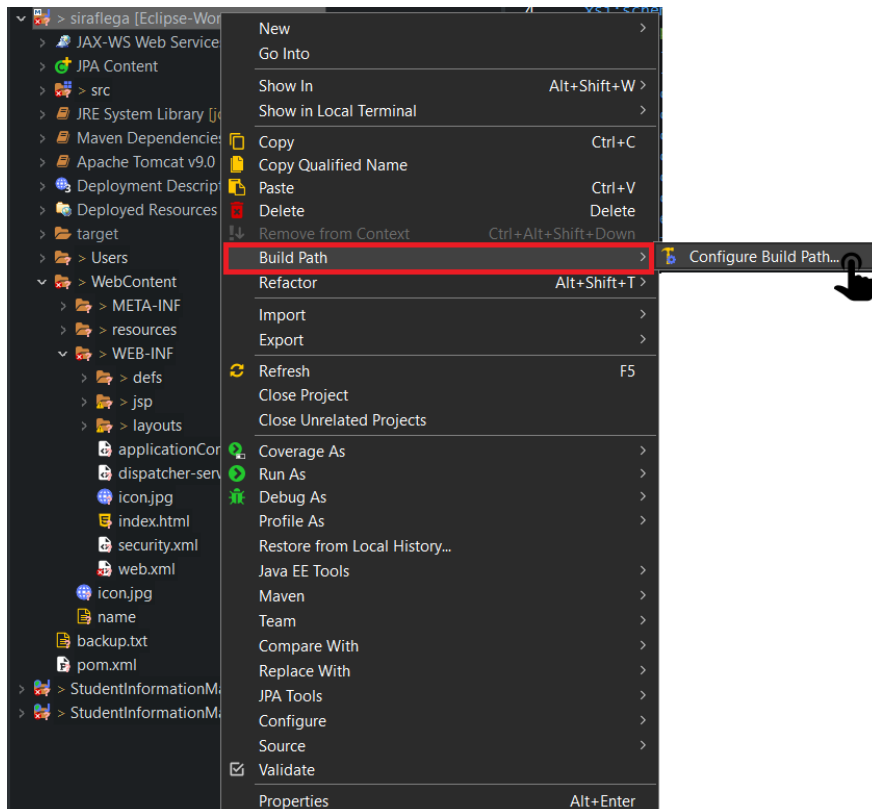


- Search “Targeted Runtimes” then change the Apache Tomcat to your current Apache Tomcat version.

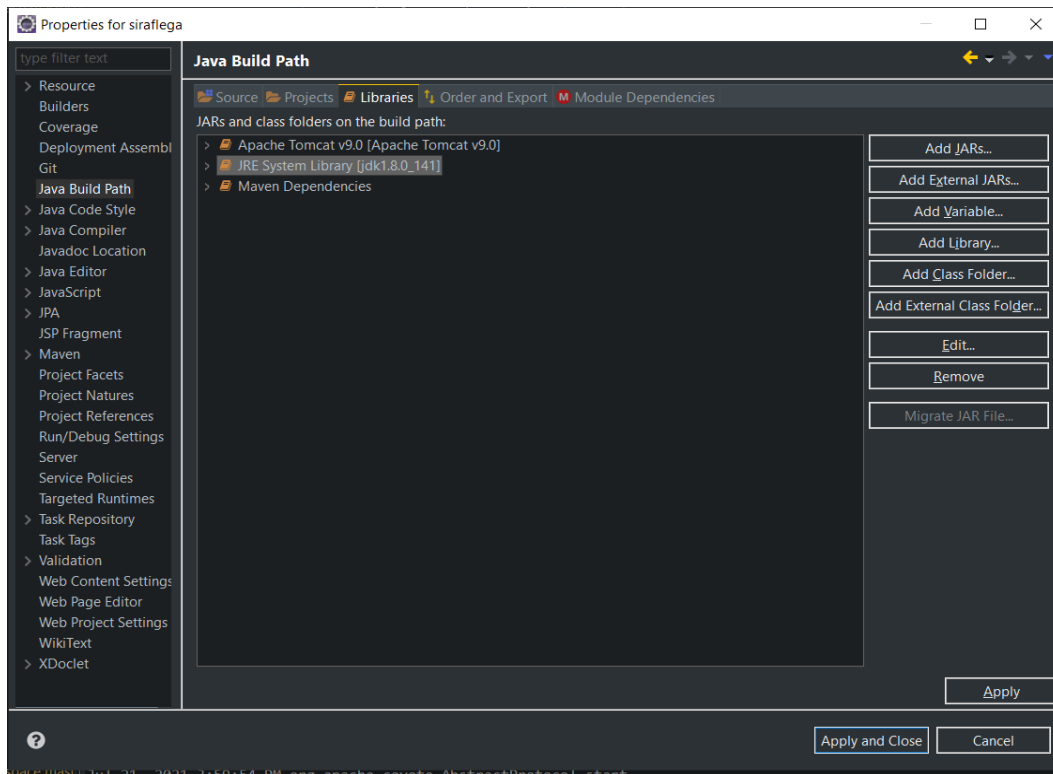


3. Change JRE System Library.

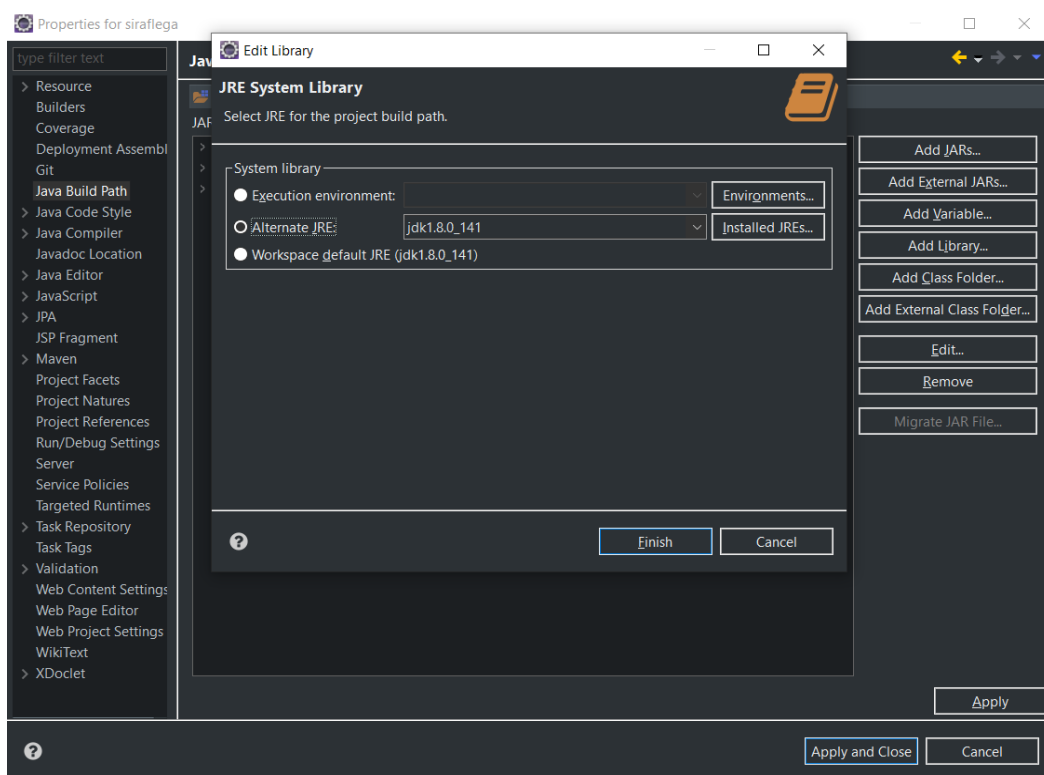
- Right-click on “Seraflega” project > Build path > click “Configure build path”.



- Click “JRE system library” in the library tab.



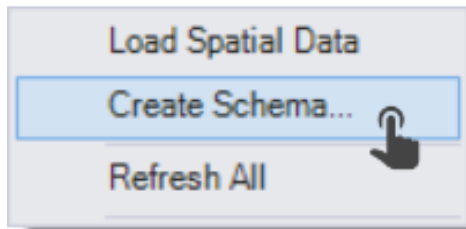
- Click “Alternate JRE” and chose JDK from the dropdown list.



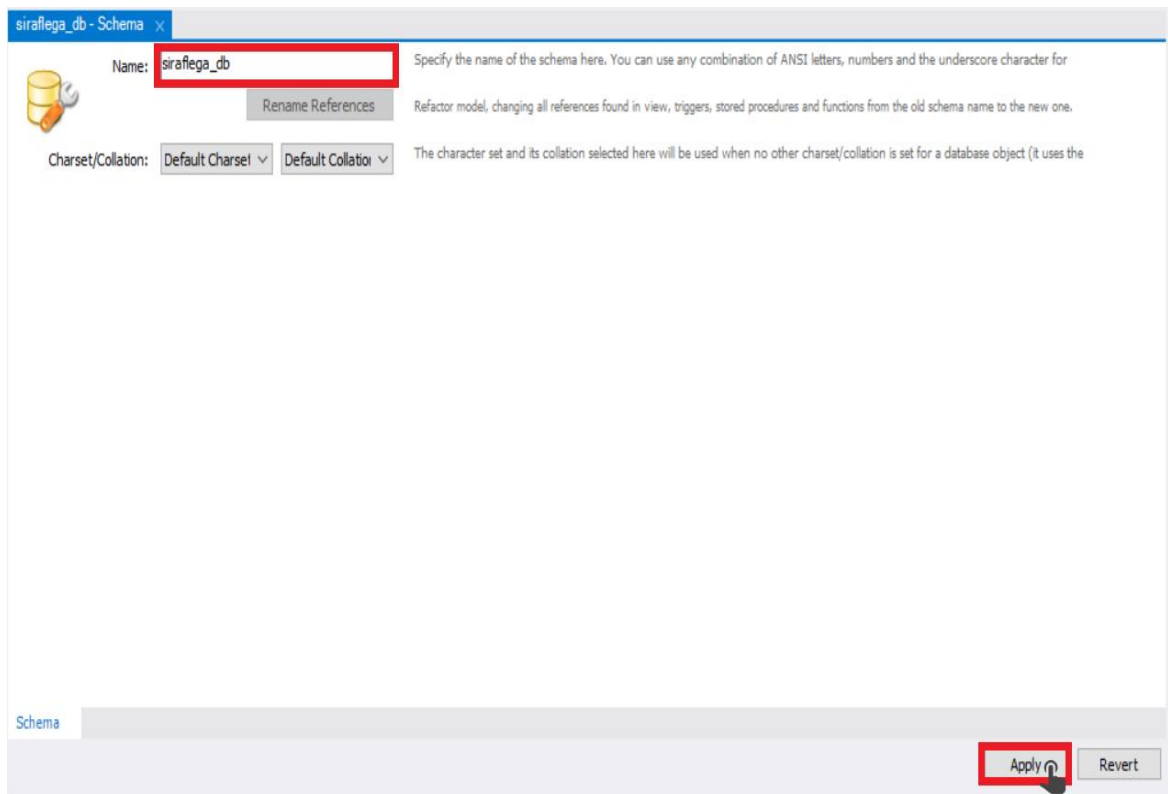
- Then click “Finish” > “Apply and Close”.

4. Create a database “seraflga_db”

- Create a schema

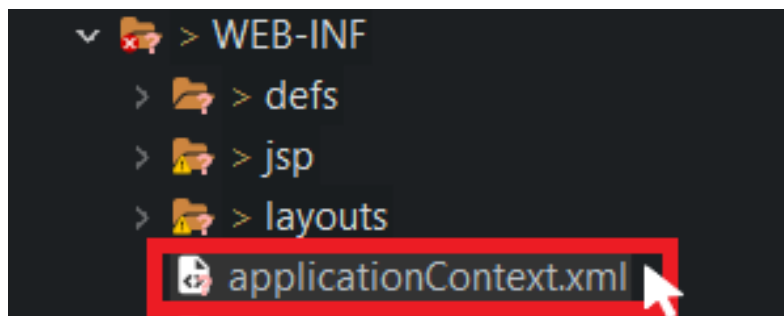


- Then rename the schema name to “seraflga_db” and click Apply > Finish.



5. Modify applicationContext.xml file.

- Open the applicationContext.xml file.



- Change the username and password according to yours.

```
<!-- jdbc connection starts -->
<bean id="datasource"
    class="org.springframework.jdbc.datasource.DriverManagerDataSource">

    <property name="driverClassName" value="com.mysql.jdbc.Driver" />
    <property name="url" value="jdbc:mysql://localhost:3306/siraflega_db?useUnicode=yes&characterEncoding=UTF-8" />
    <property name="username" value="root" />
    <property name="password" value="root" />

</bean>
<!-- jdbc connection ends -->
```

- And also change `<prop key="hibernate.hbm2ddl.auto">update</prop>` to `<prop key="hibernate.hbm2ddl.auto">create</prop>`.

6. Modify pom.xml

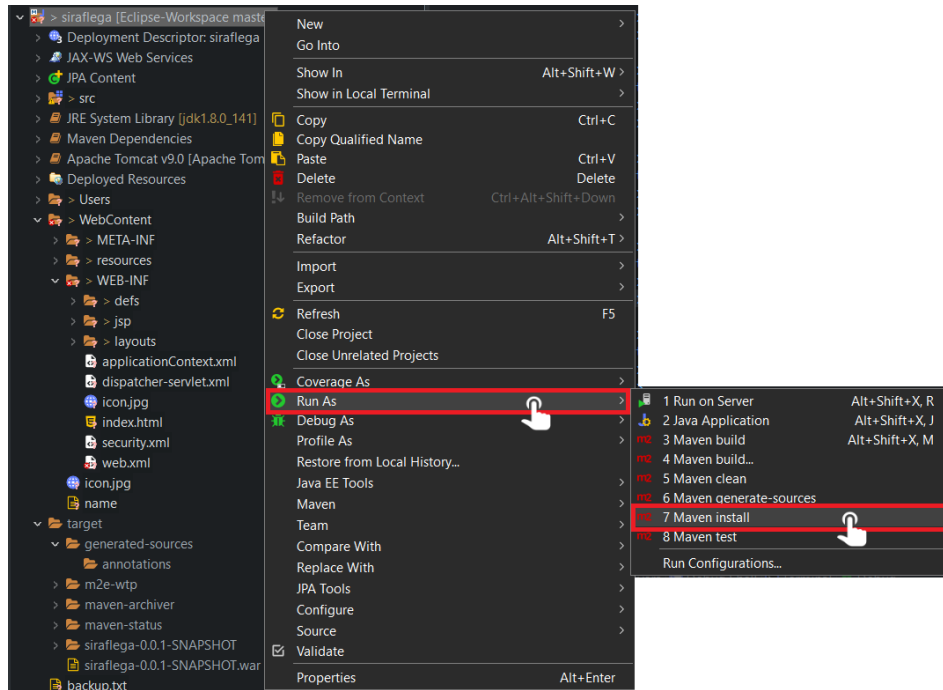
- Open pom.xml and search MySQL connector

```
82     <version>1.4</version>
83     </dependency>
84     <dependency>
85         <groupId>javax.activation</groupId>
86         <artifactId>activation</artifactId>
87         <version>1.1.1</version>
88     </dependency>
89     <dependency>
90         <groupId>mysql</groupId>
91         <artifactId>mysql-connector-java</artifactId>
92         <version>5.1.42</version>
93     </dependency>
94     <dependency>
95         <groupId>jstl</groupId>
96         <artifactId>jstl</artifactId>
97         <version>1.2</version>
98     </dependency>
99     <dependency>
100         <groupId>org.springframework.data</groupId>
101         <artifactId>spring-data-jpa</artifactId>
102         <version>1.7.2.RELEASE</version>
103     </dependency>
104     <dependency>
105         <groupId>org.hsqldb</groupId>
106         <artifactId>hsqldb</artifactId>
107         <version>2.3.1</version>
108     </dependency>
109     <dependency>
110         <groupId>org.hibernate</groupId>
111         <artifactId>hibernate-entitymanager</artifactId>
112         <version>4.3.10.Final</version>
113     </dependency>
```

- Change mysql connector version `<version>5.1.42</version>` to `<version>8.0.25</version>`

```
89     <dependency>
90         <groupId>mysql</groupId>
91         <artifactId>mysql-connector-java</artifactId>
92         <version>8.0.25</version>
93     </dependency>
94     <dependency>
```

- Then run as maven install.



7. Run the project

- Right-click on the “siraflega” project > Run As > click Run on Server.

