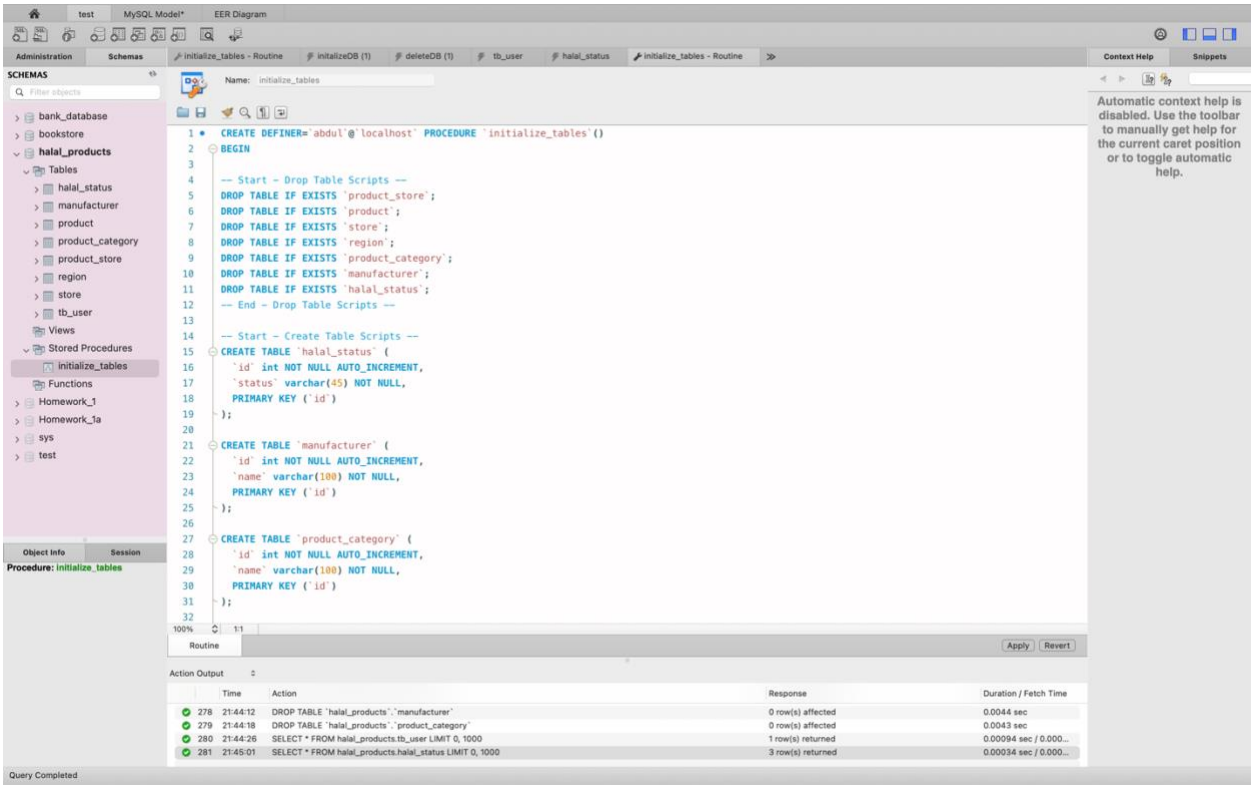
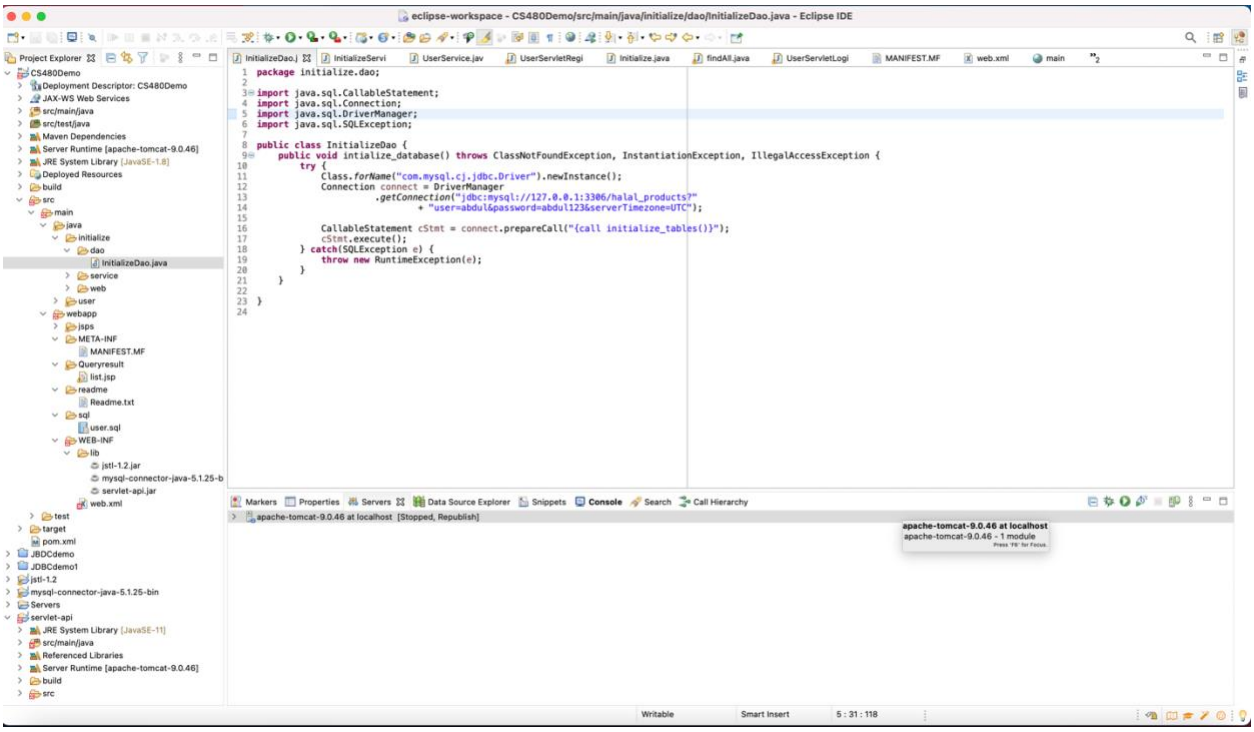
Steps to add a link for initializing database tables:

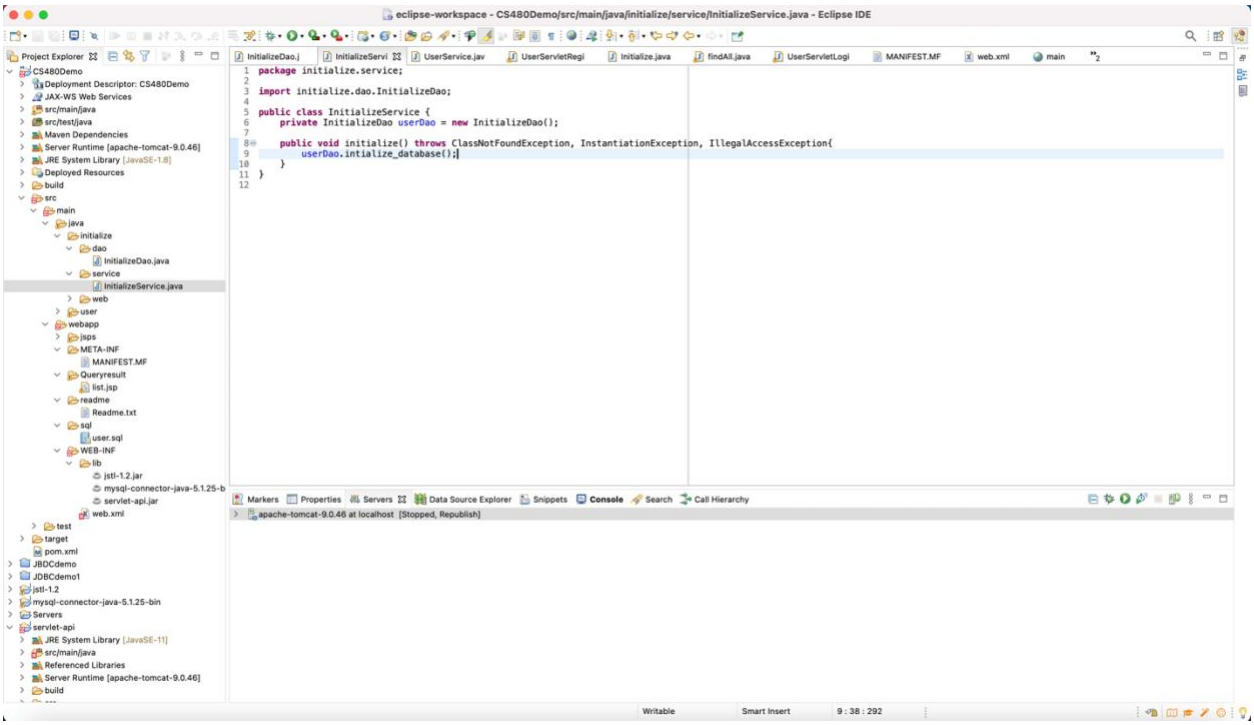
1. A new stored procedure was created which had all the scripts. The stored procedure name was “initialize_tables.sql”.



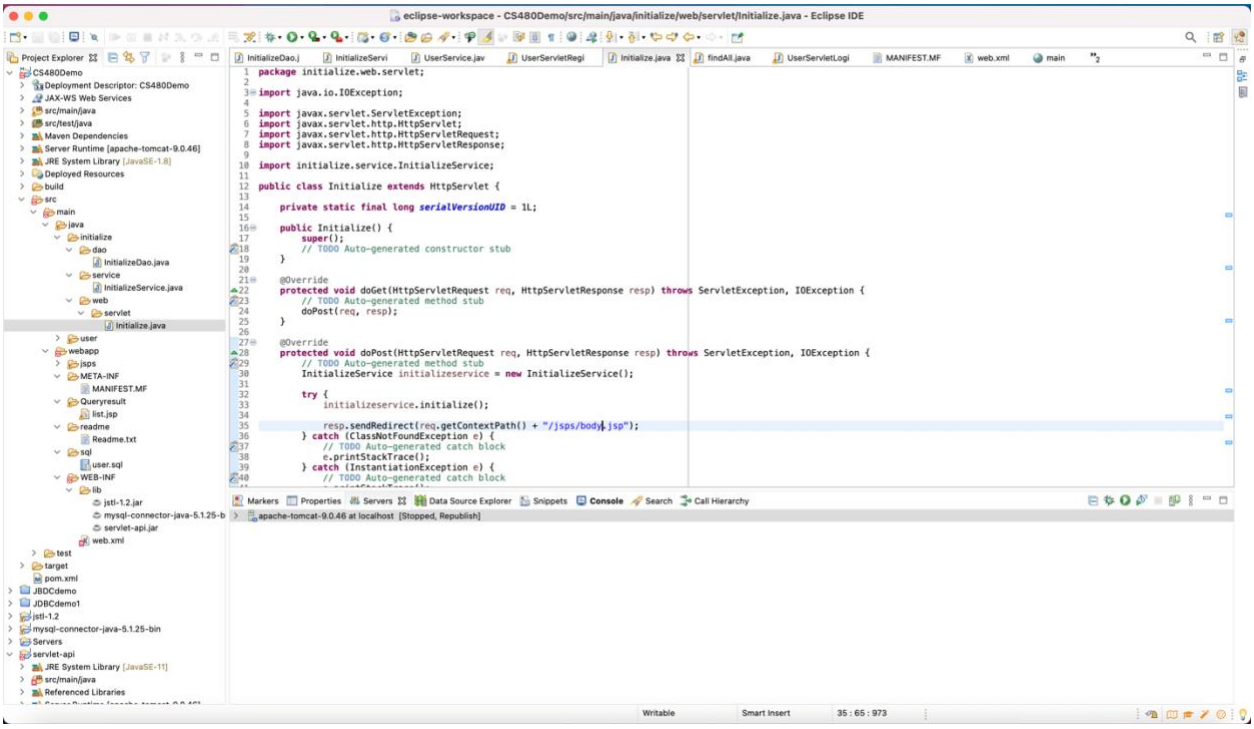
2. A “InitializeDao.java” class was created in the project which had the code to call the “initialize_tables.sql” stored procedure.



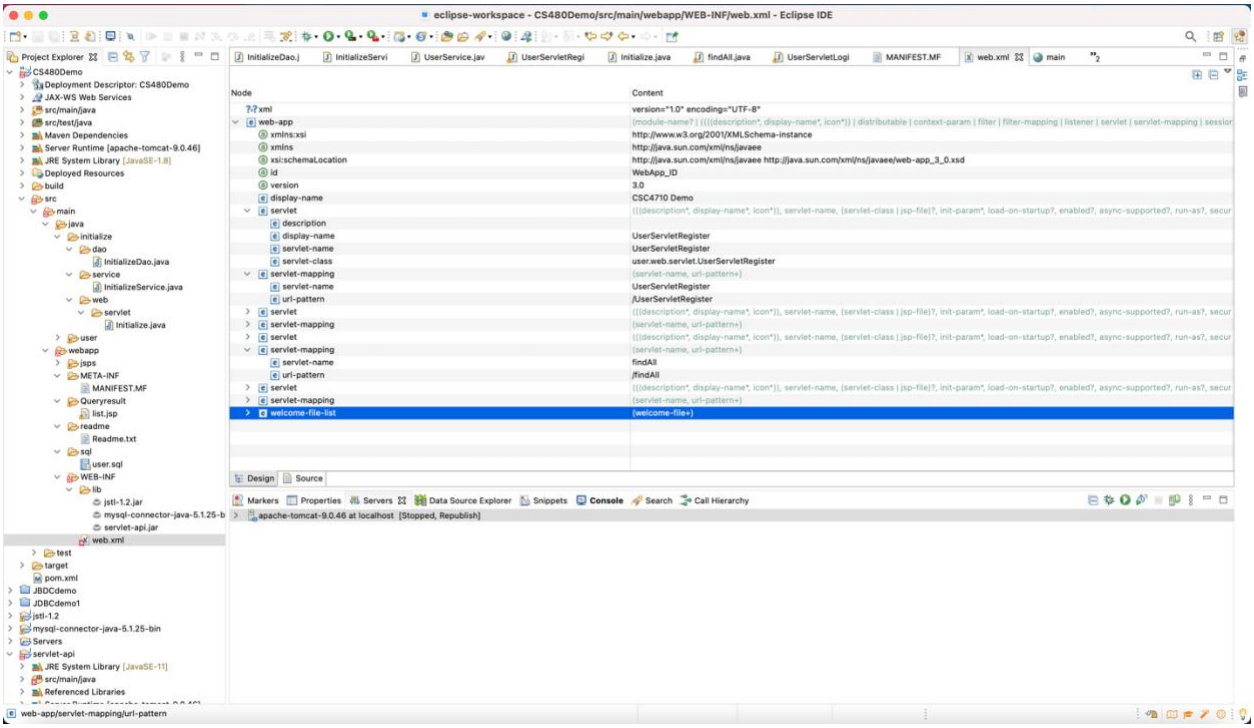
3. An “InitializeService.java” class was created which calls the “initialize_database” function from the “InitializeDao.java”class.



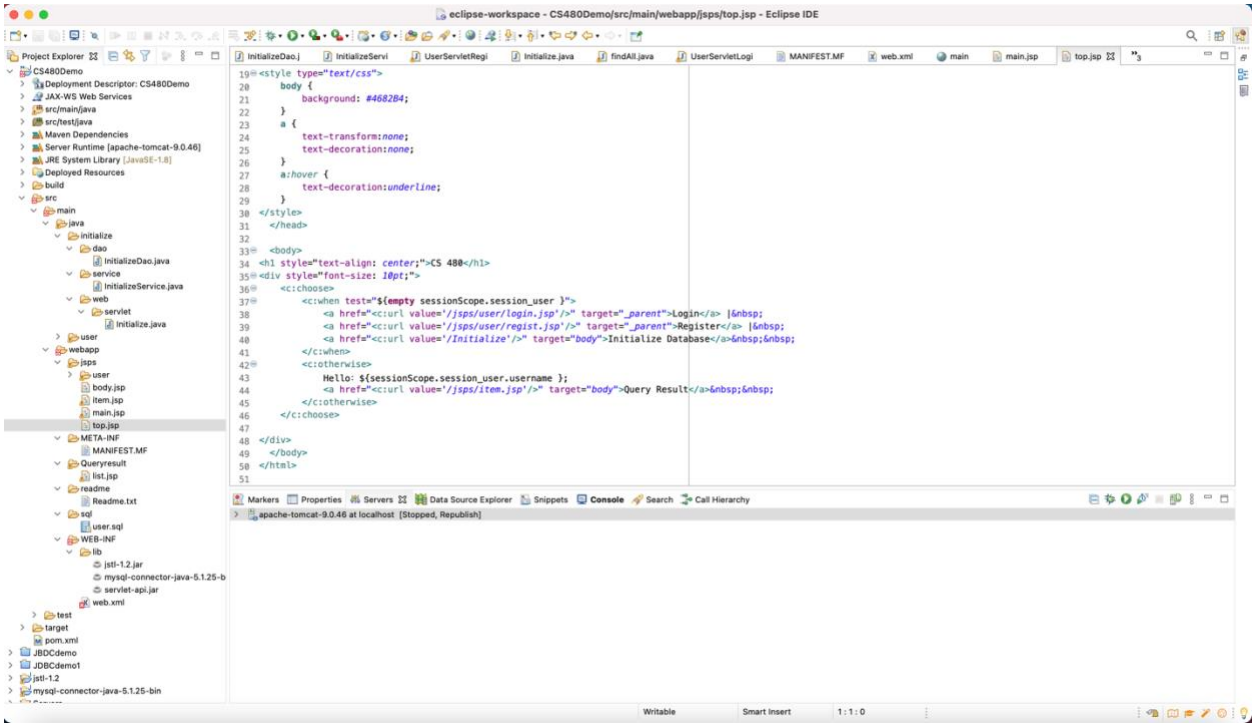
4. A new servlet class “Initialize.java” was created which called the “initialize” function from “InitializeService.java” class. It performs the same action for the post and get methods.

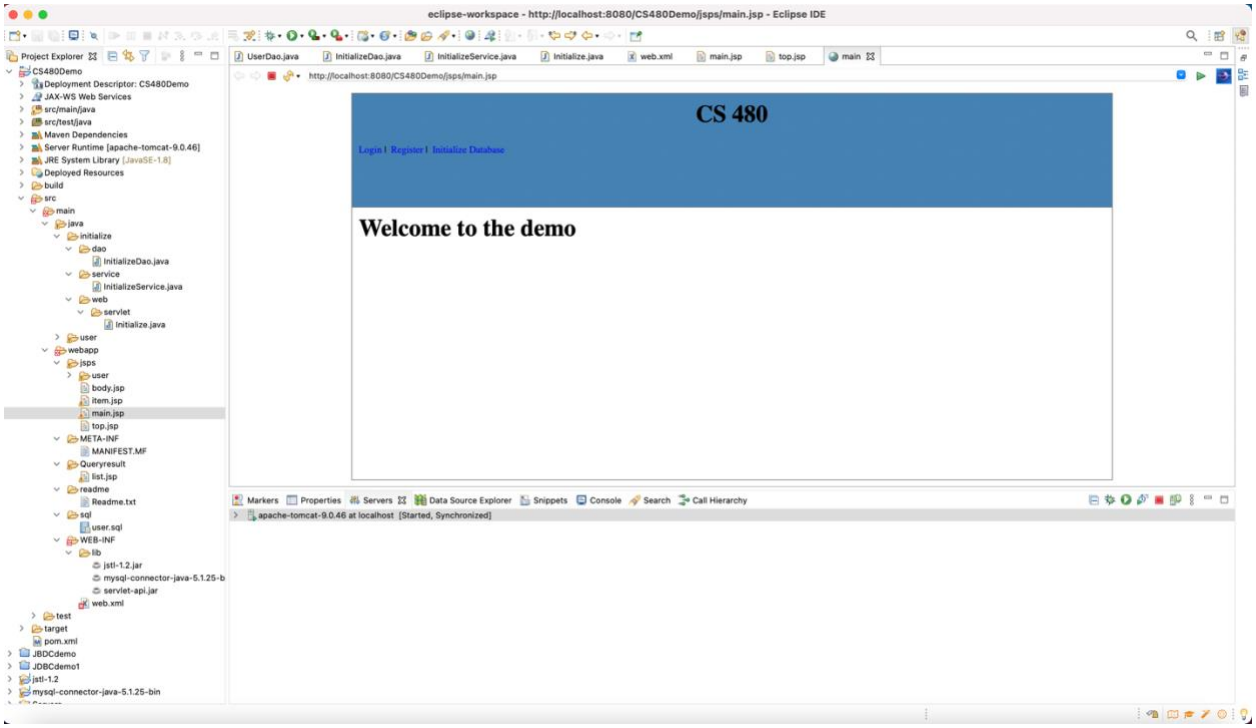


5. The new servlet class information was added to the “web.xml” file. This was done to register the servlet.

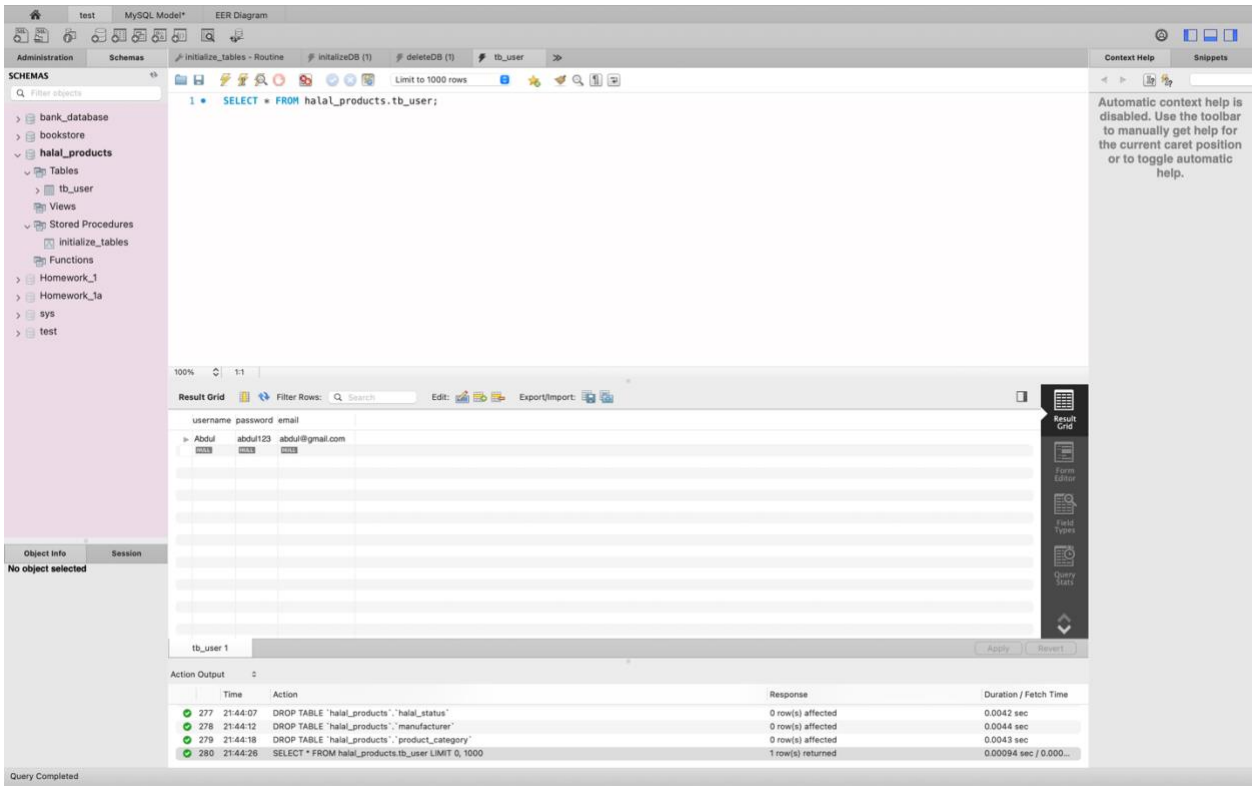


6. The last change was done in the “top.jsp” file. A link “Initialize Database” was added that would call the stored procedure when clicked.





7. Before clicking the database had only the “tb_user” table with a few records.



8. After clicking the link all the tables were created. Each had 3 records. If the table already existed, then the stored procedure would have dropped the tables before creating them again.