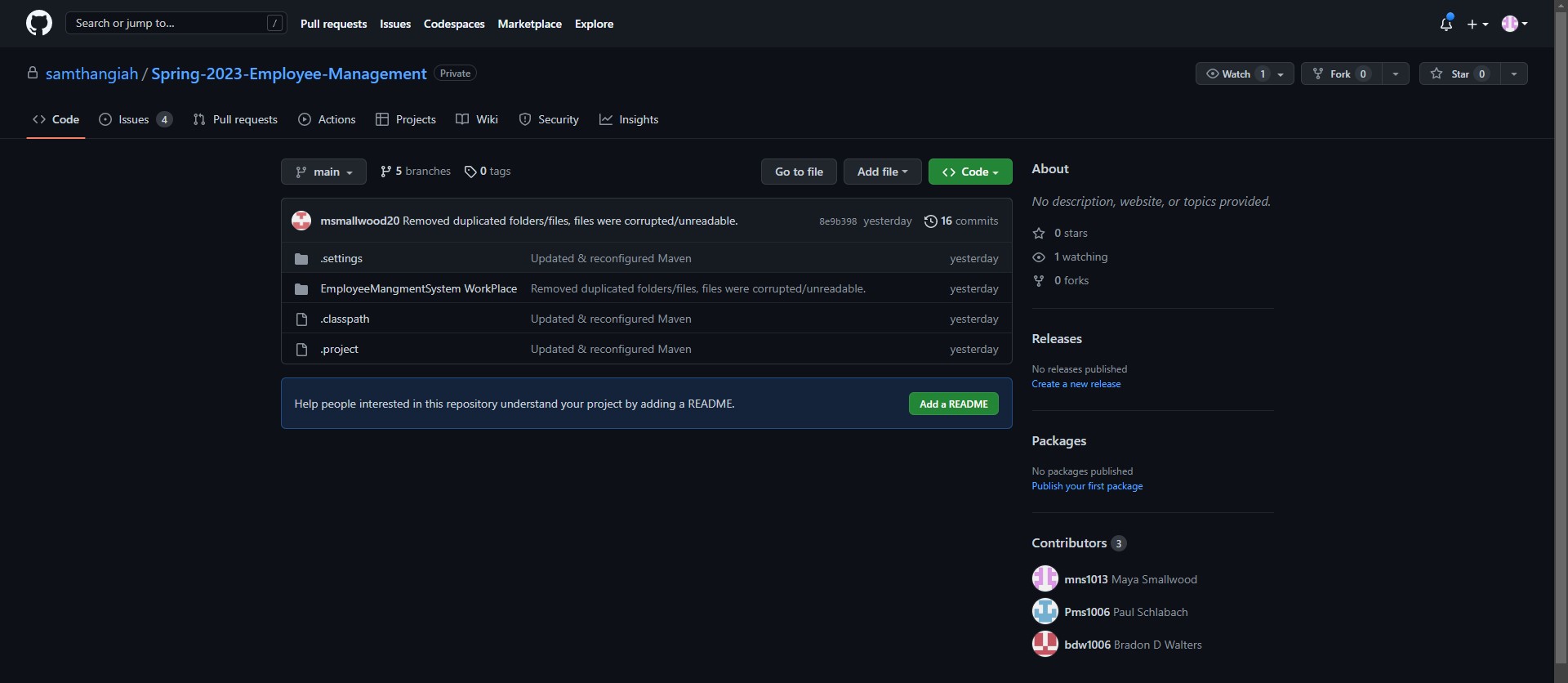
Employee Management Database System Manual

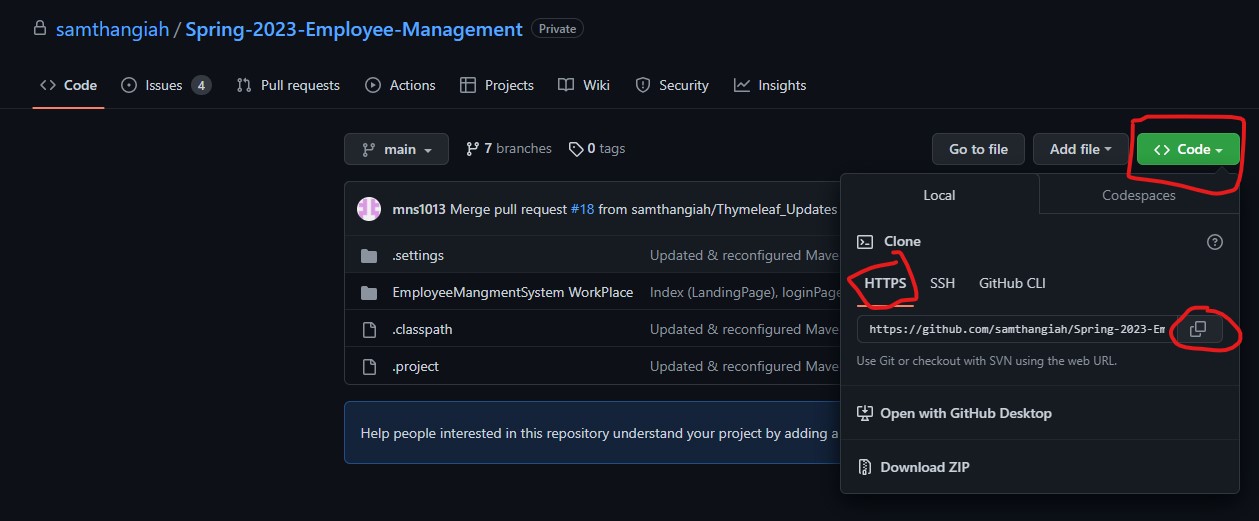
*Update: 4.22.2023*

Steps to download and open our Project:

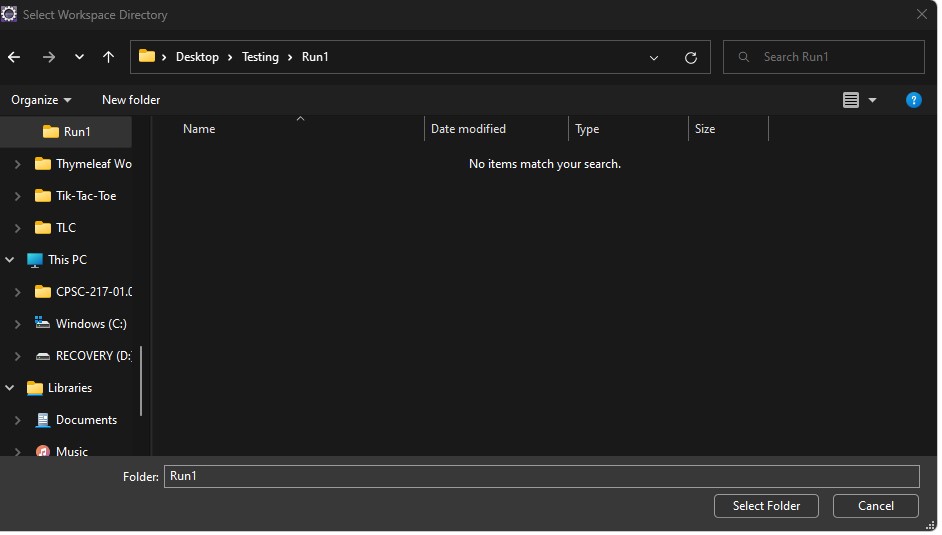
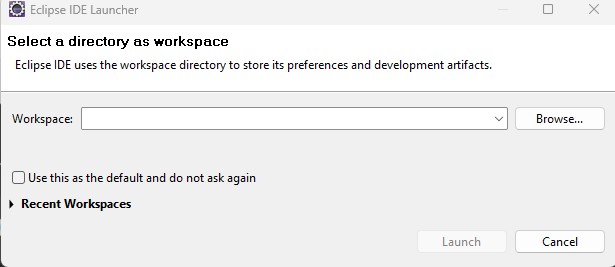
1. First login in and connect to our GitHub repository website

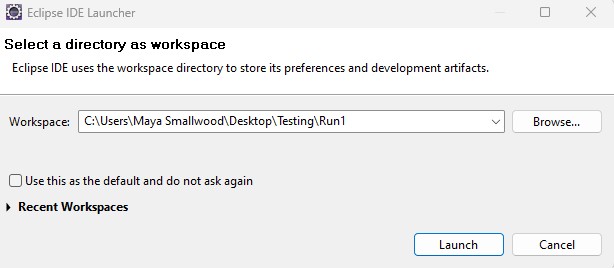


1. Next select Code and Select HTTPS, and then copy

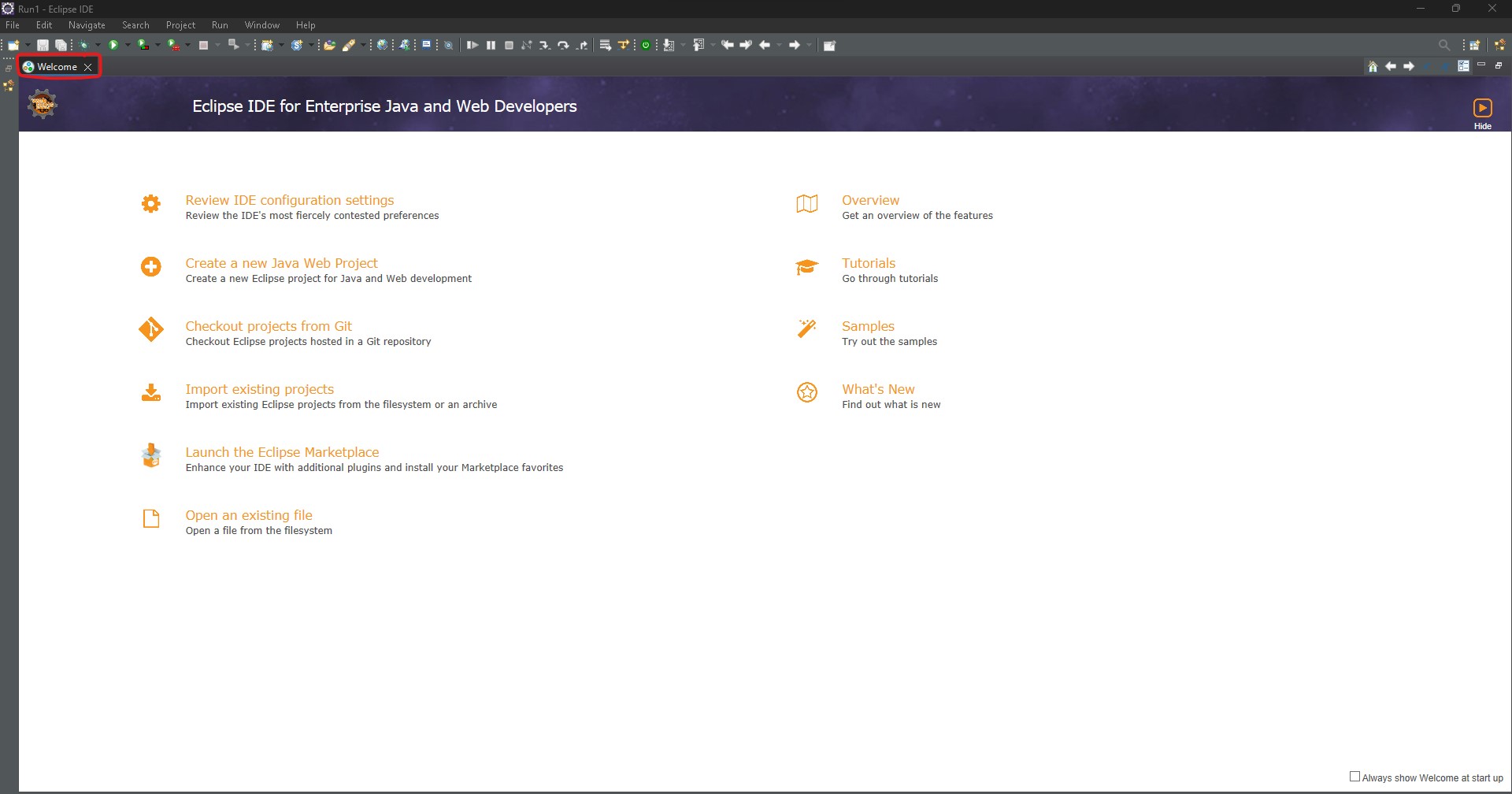


1. Next Open Eclipse IDE Enterprise Java & Web Developers-2022-12 create/select an empty folder

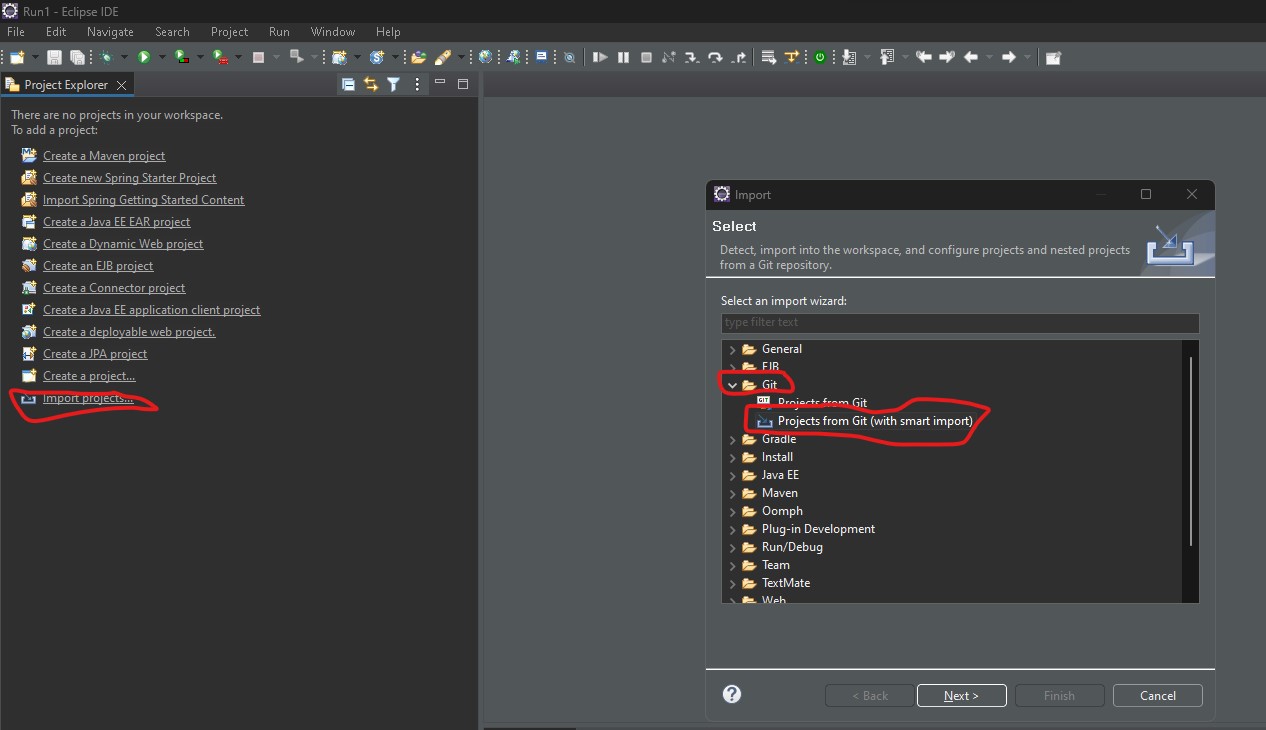




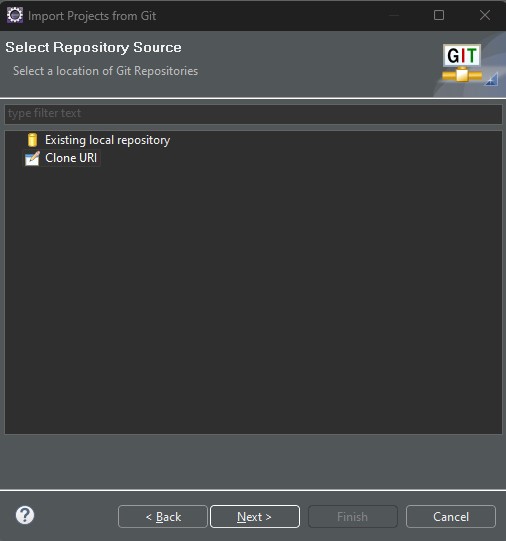
1. Next close the Welcome Window



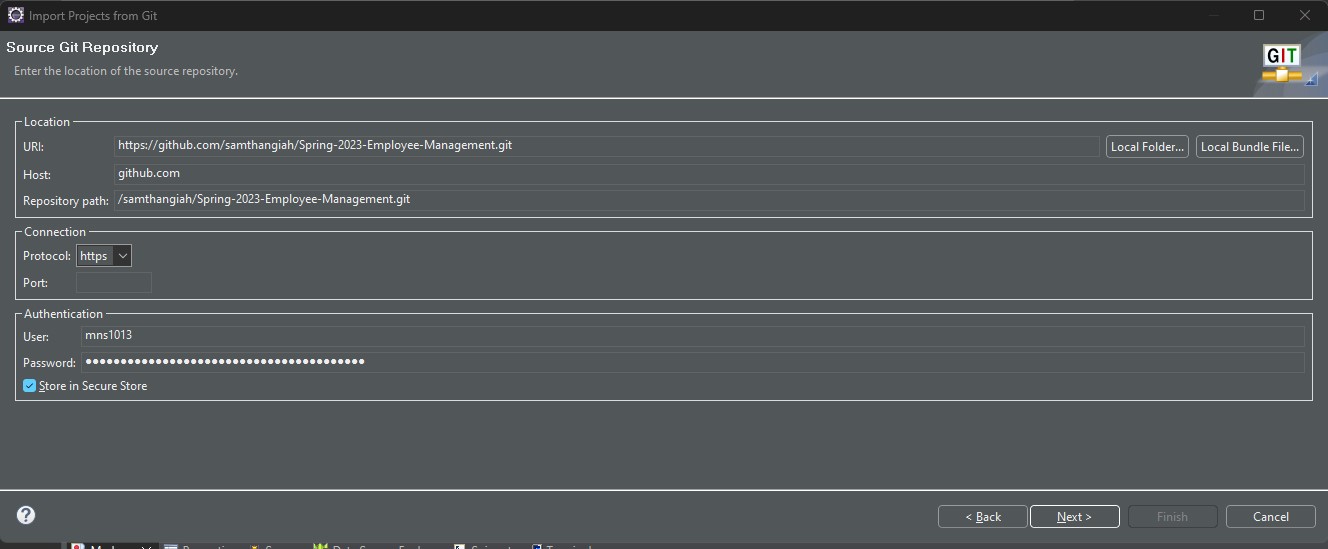
1. Next select import project and then Git, Projects from Git (with smart import)



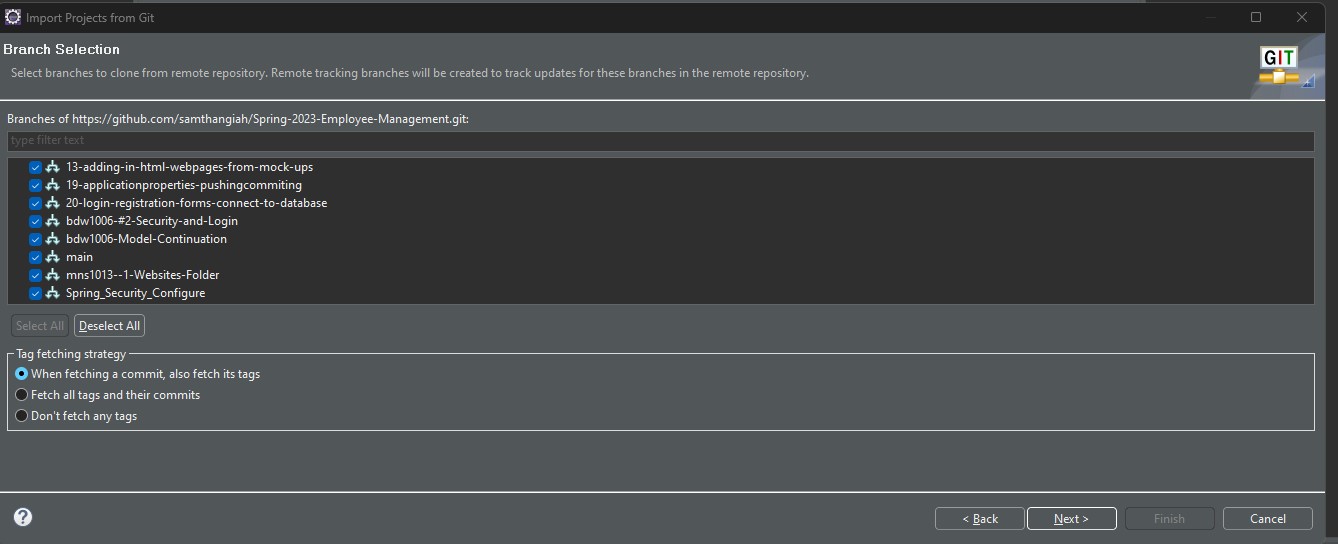
1. Clone URL



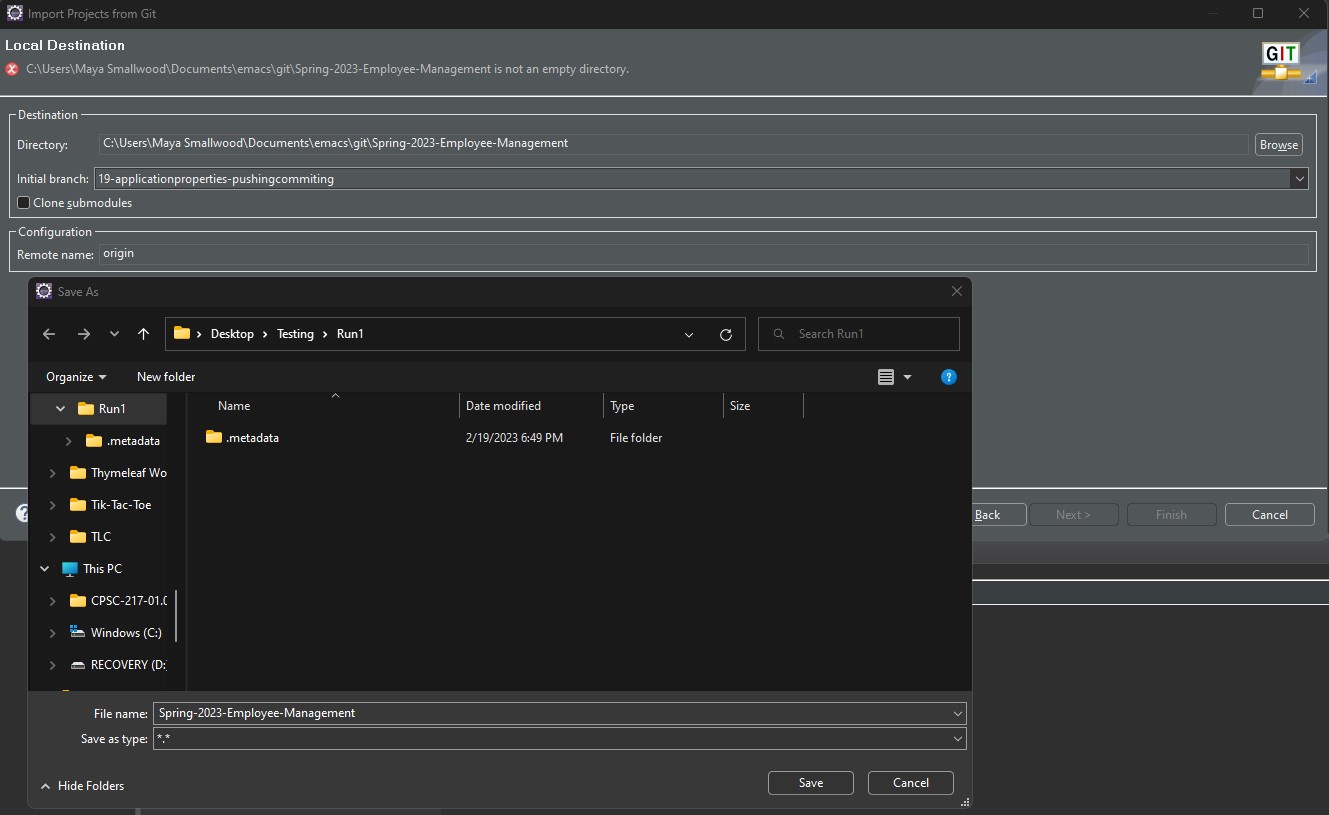
7.Copy that URL from **step 2** and select Next >



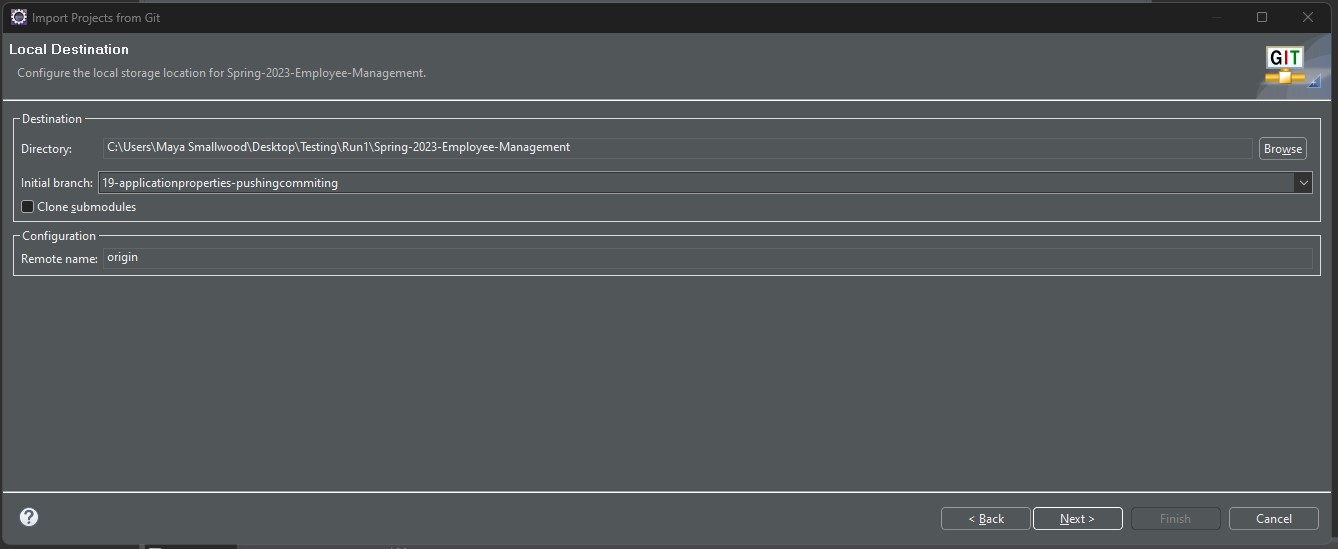
1. Select Next >



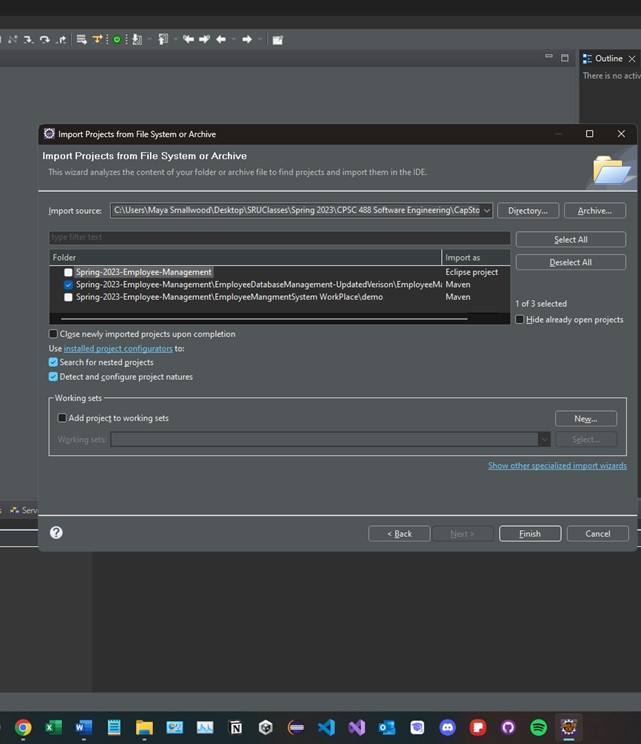
1. Select Browser and then save

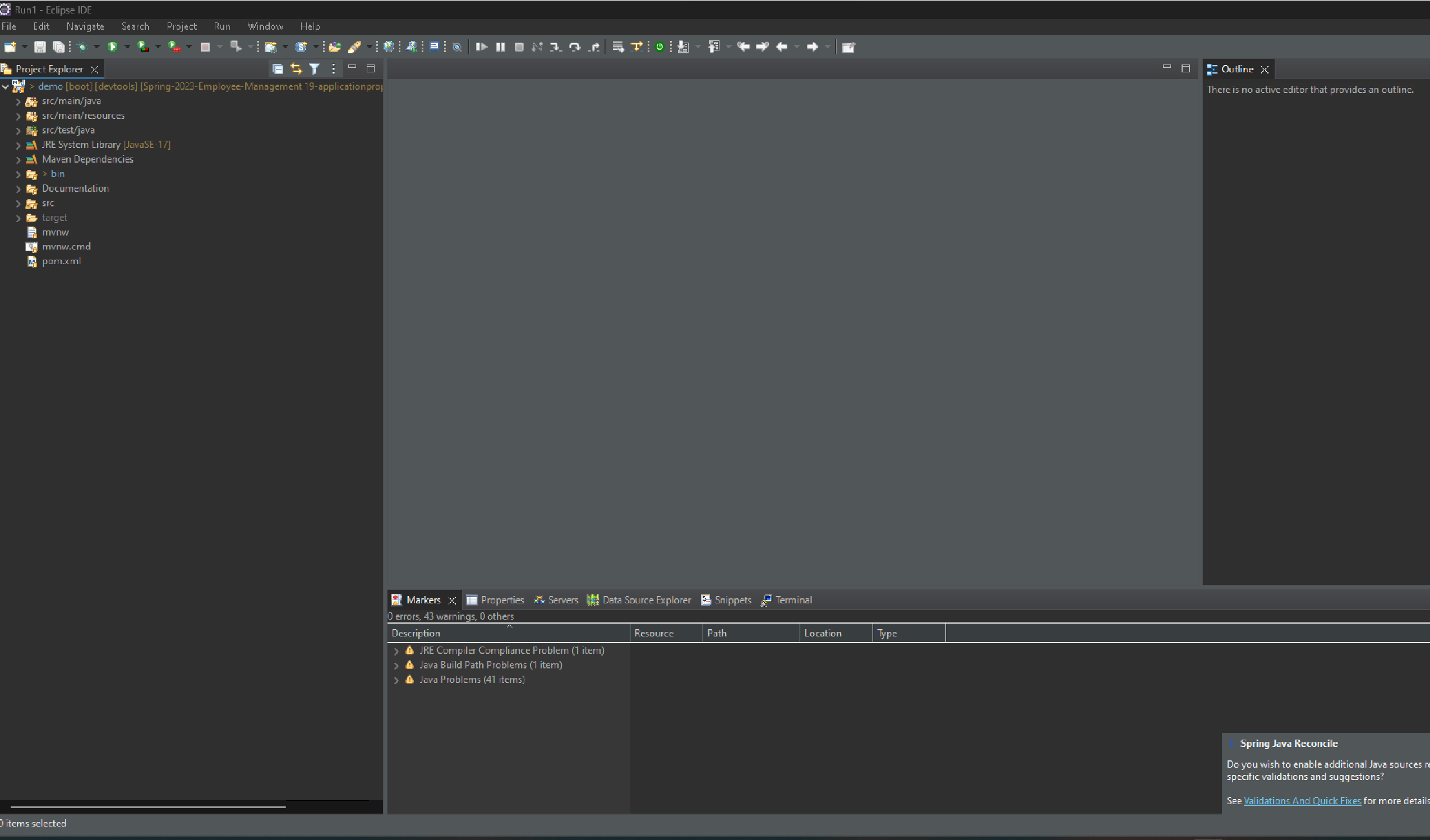


1. Select Next

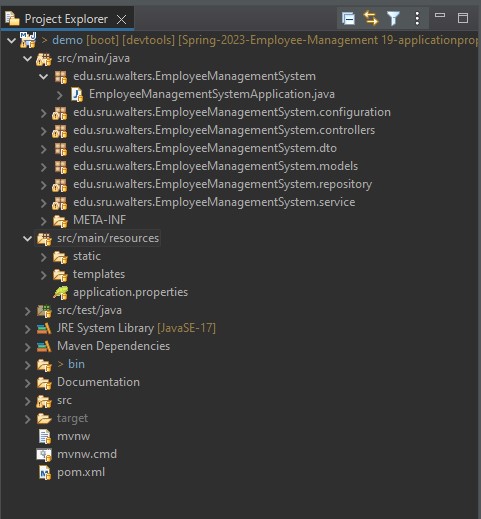


1. ONLY Select "Spring-2023-Employee-Managment\EmployeeDatabaseManagemnet-UpdatedVersion\--- Import as Maven and then select Finish

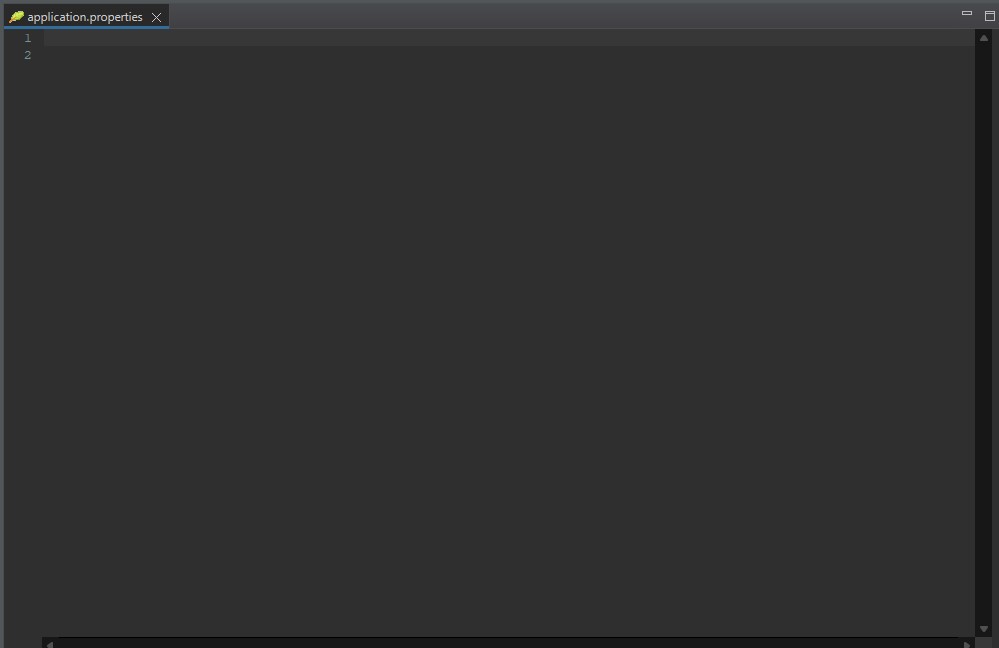


1. ro ect will build itself in and you will see it on the left hand side
2. Next in our application.propetries which creates the database you have to change the settings to connect to your database, therefore please do the following:

elect the dropdown for src main resources



Double click application.properties



And paste in the following:

spring.jpa.hibernate.ddl-auto=update

spring.datasource.url=jdbc:mysql://localhost:3306/employeedata?createDatabaseIfNotExist=true

spring.datasource.username=root

spring.datasource.password=2023CPSC!!

spring.jpa.properties.hibernate.format\_sql=true

spring.main.allow-bean-definition-overriding=true

spring.thymeleaf.cache=false

spring.thymeleaf.prefix=classpath:templates/

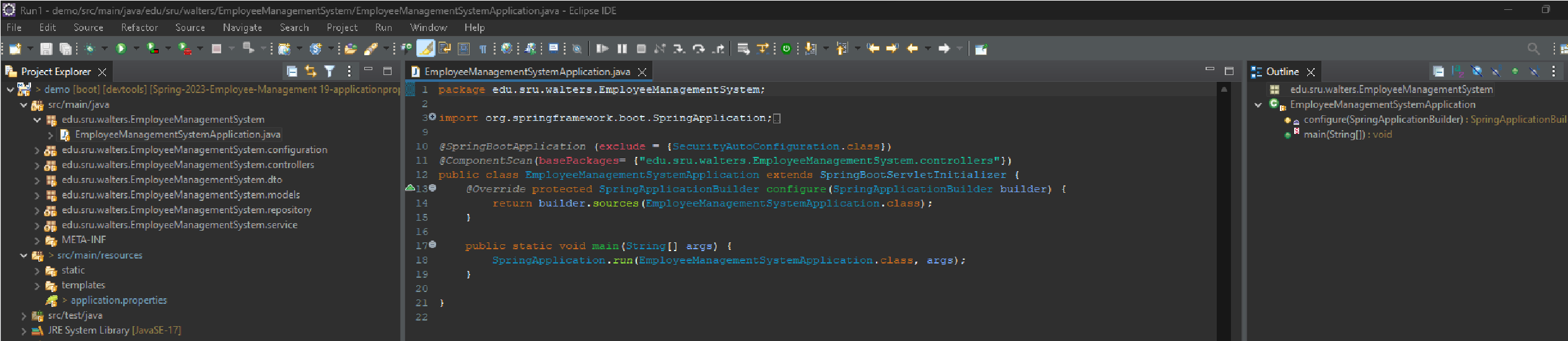
spring.datasource.username= & spring.datasource.password= Will be your local MySQL Database information.

1. Next to run our project:

select the following:

sru/main/java

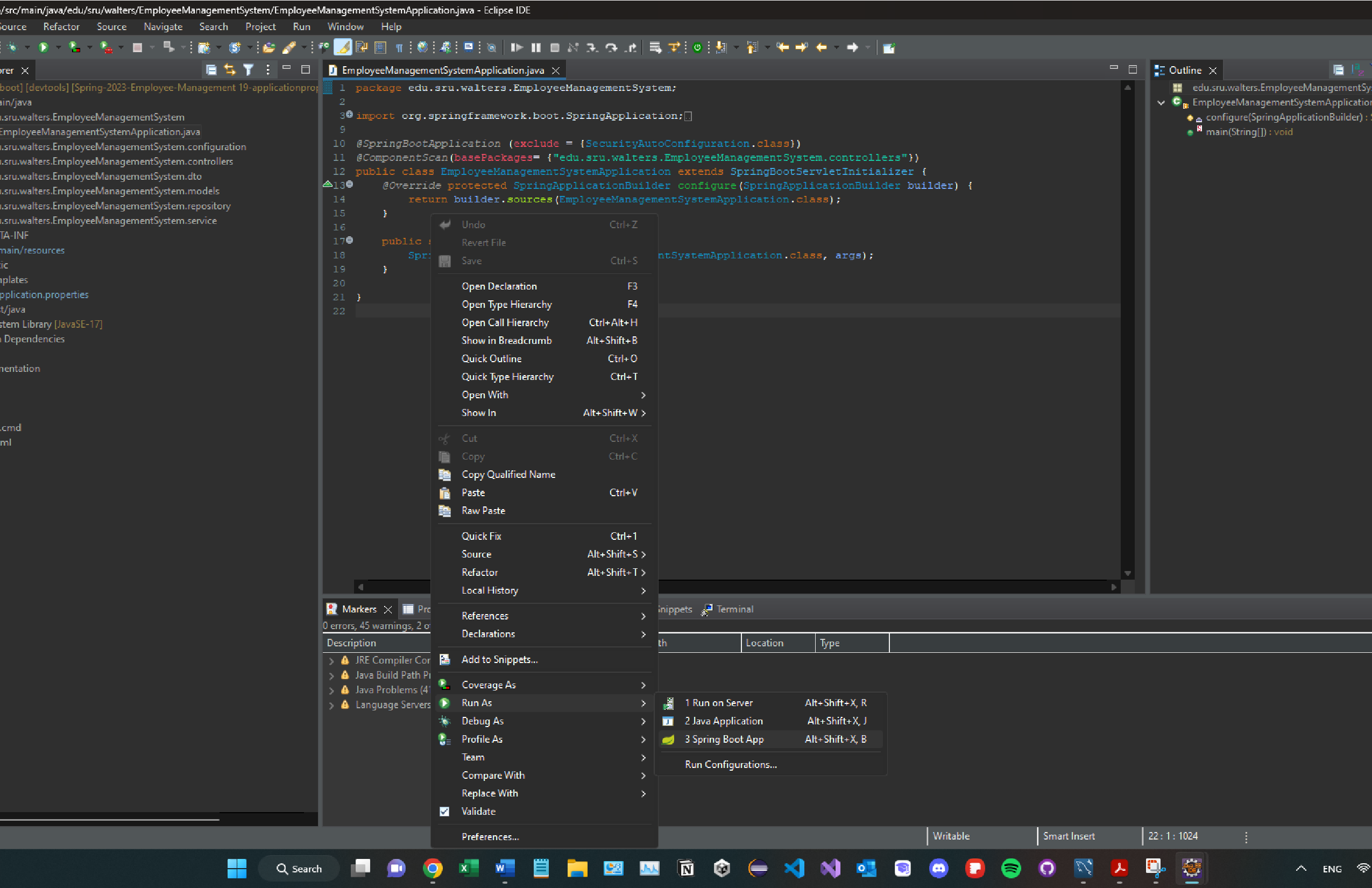
edu.sru.walters.EmployeeManagementSystem and double click

EmployeeManagmentSystemApplication.java

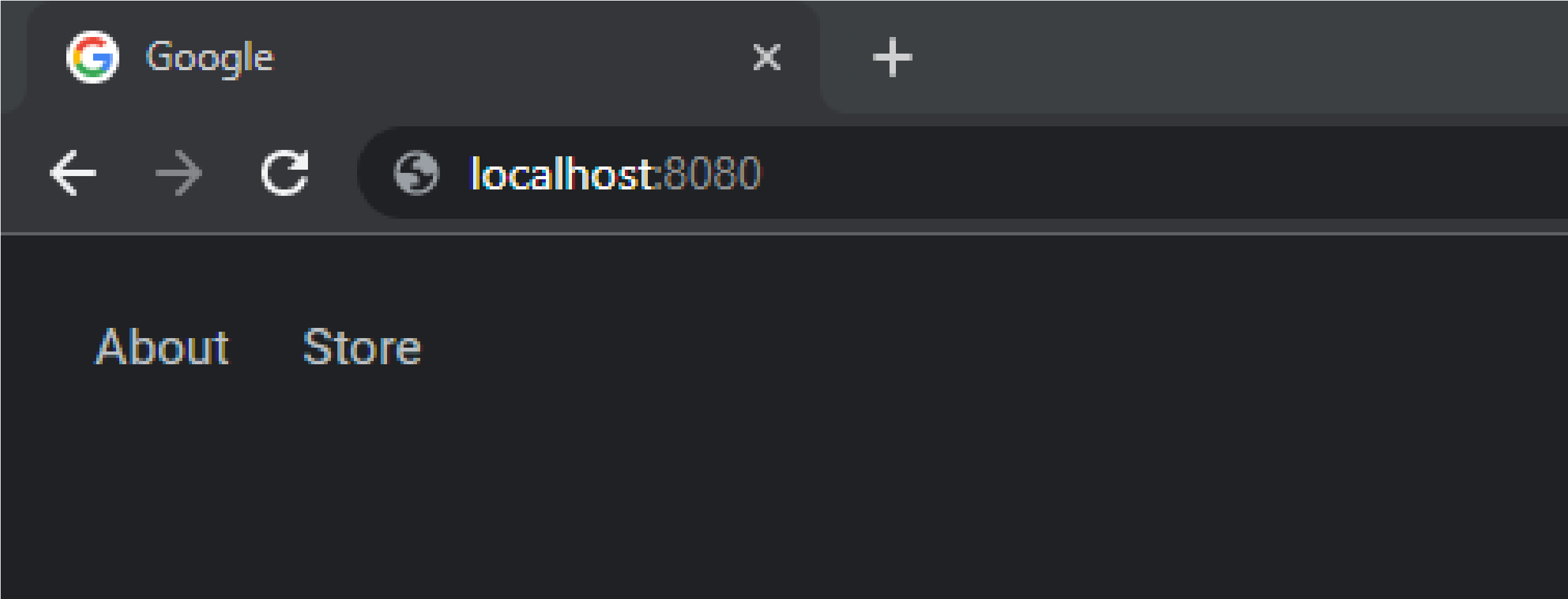
1. Then right-click anywhere inside

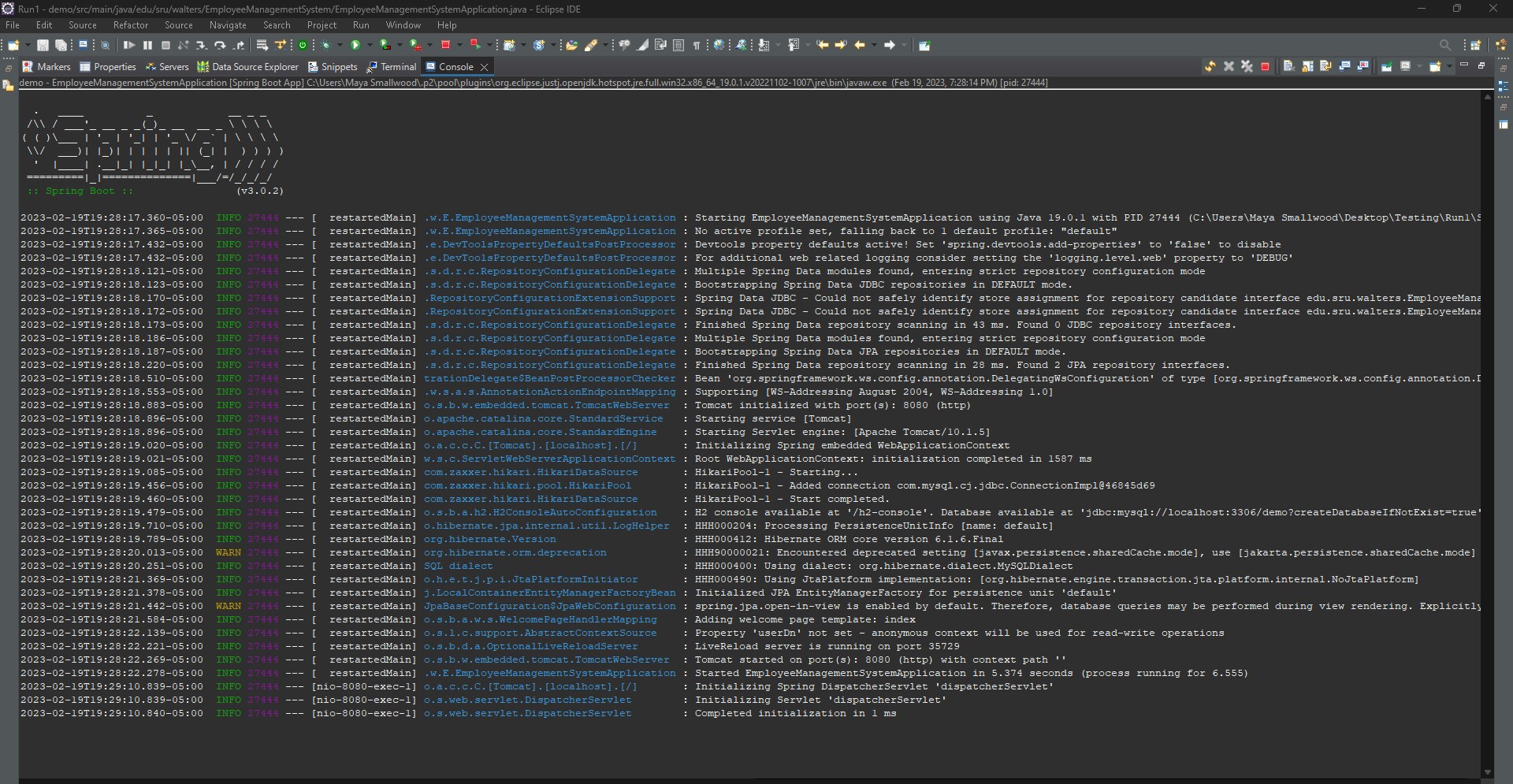
EmployeeManagmentSystemApplication.java folder

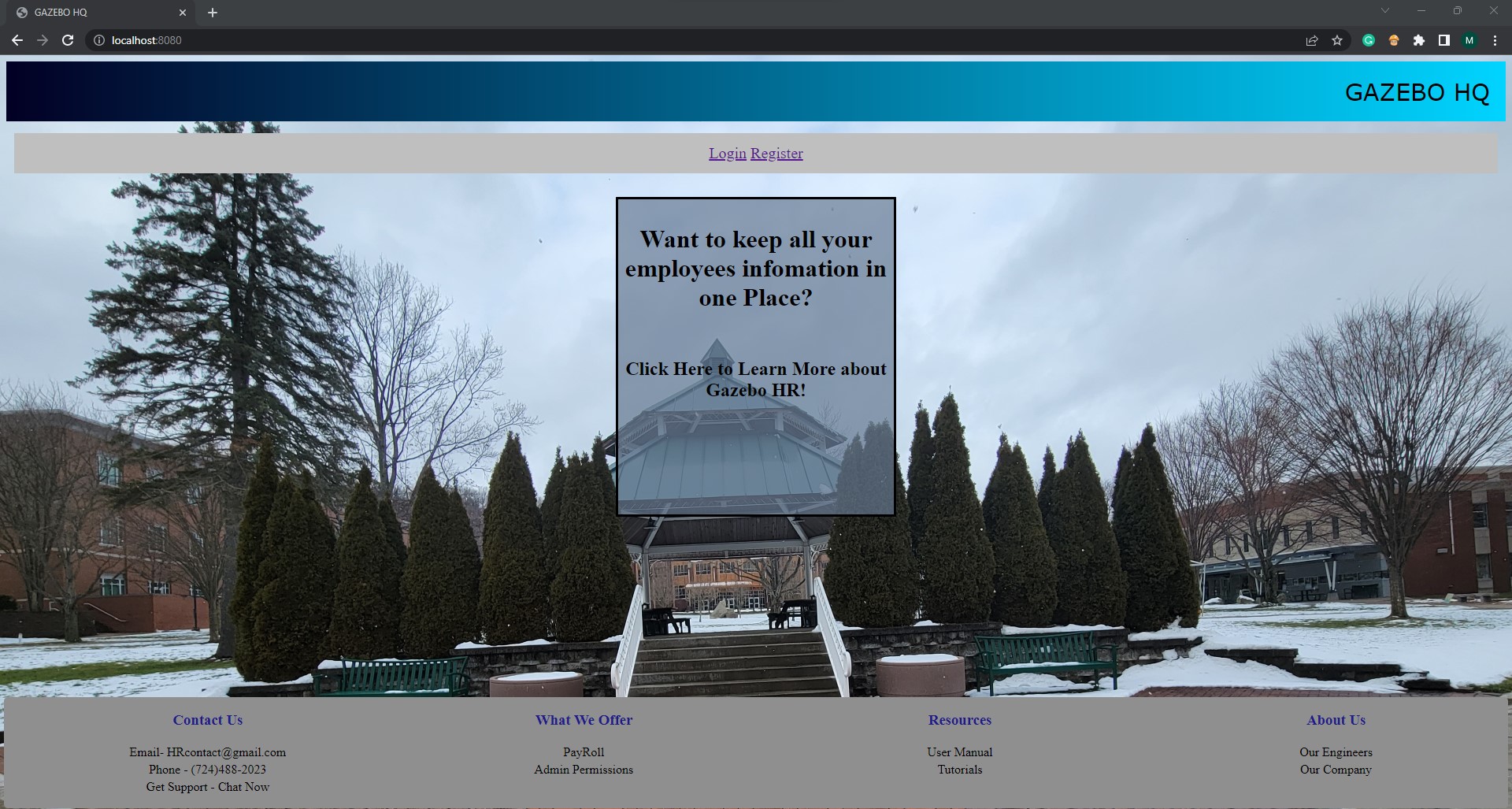
Go down to Run As

Spring Boot App-(Will only appear if you have installed spring tools)

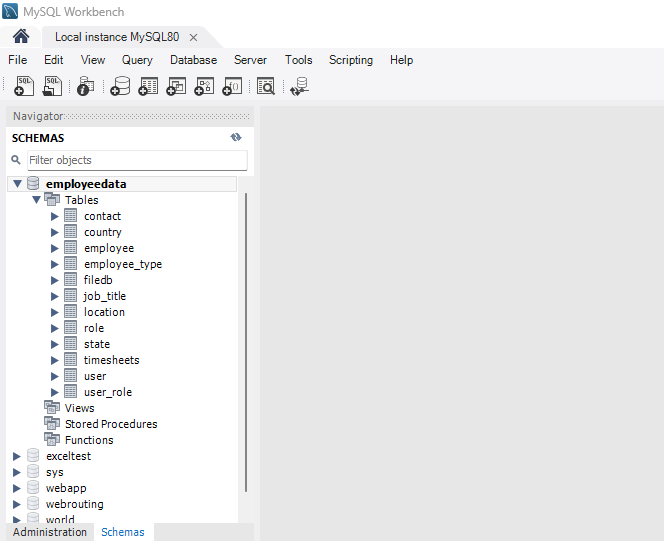
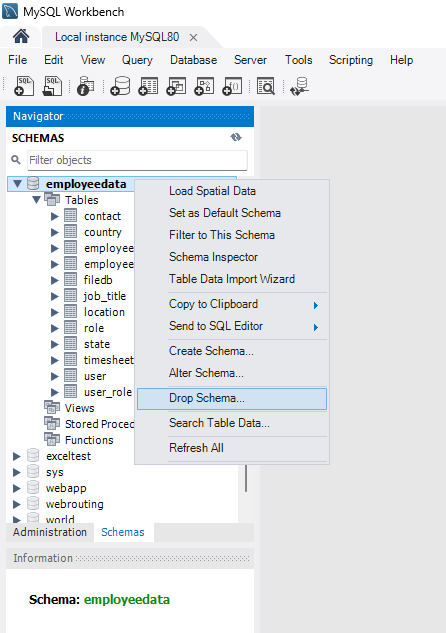
1. SpringBoot will run

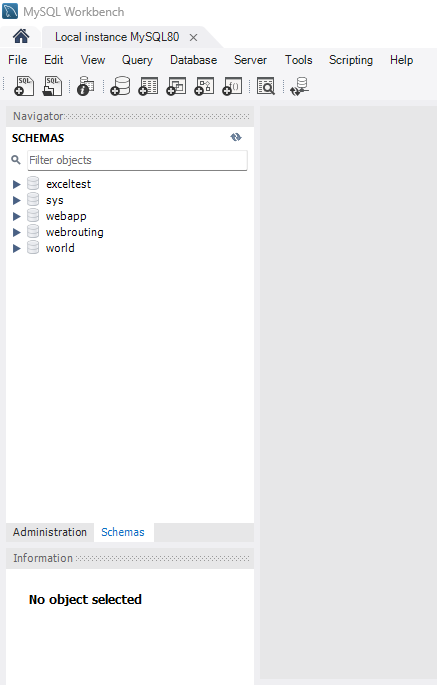
**\*Please Note, if there are any runtime errors you may have to close and reopen the project. Sometimes the project doesn't build all the import files at the time of importing.\***



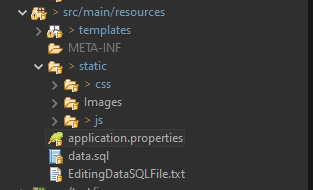
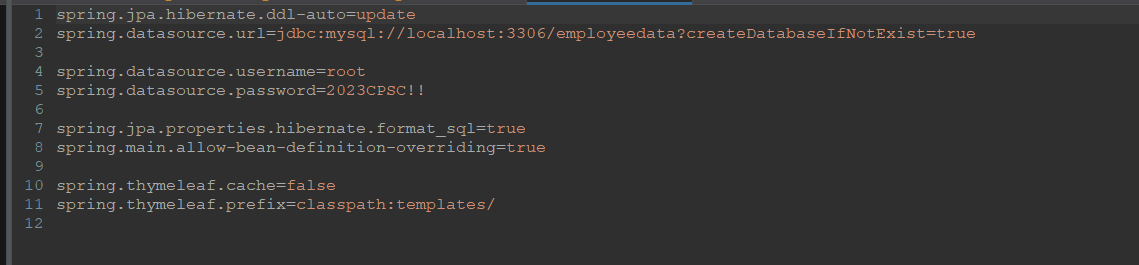
1. Open up and web-browesr, and then type in the following: localhost:8080
2. You will then be taken to our HomePage. 
3. Next is to install data into your database using our data.sql file.

# Pre-Populate Database Importing a SQL script file

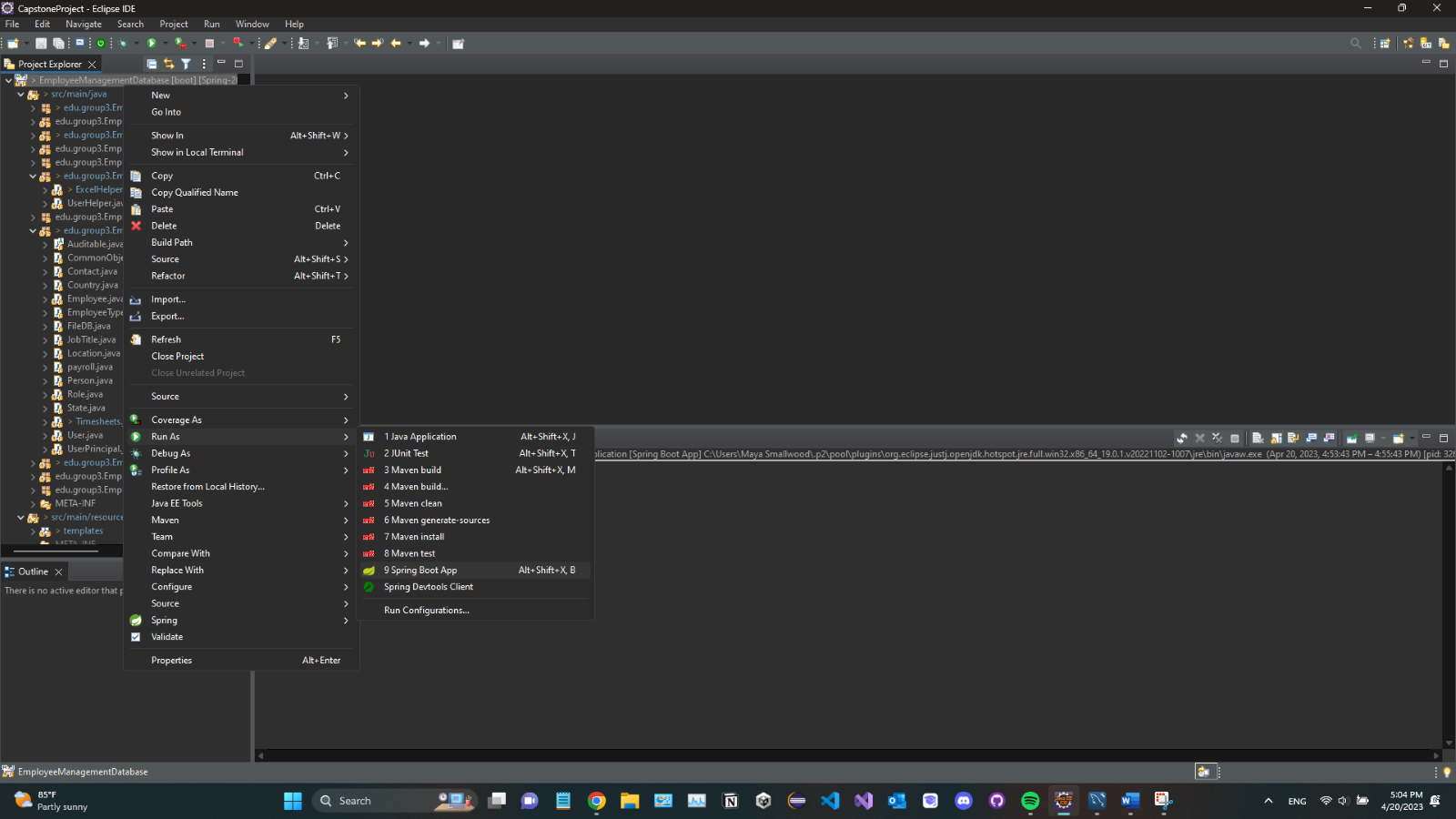
1. Drop the schema corresponding to our database name "employeedata" to ensure that the system can add in the new data. To do this, right-click on the schema and select "drop" in MySQL Workbench. **(NOTE: You may skip dropping the schema if this is your first time running our program.)**  
     
   

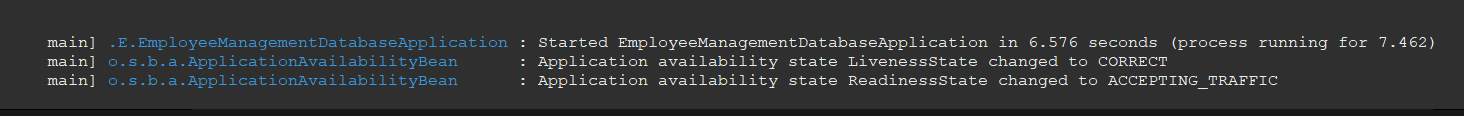


1. After importing our project to Eclipse IDE 2022-12, navigate to the "application.properties" file and ensure that the "spring.datasource.username" is set to "root" and that the "spring.datasource.password" is updated to your Workbench password. Failure to change the password will result in an inability to create or access the database.

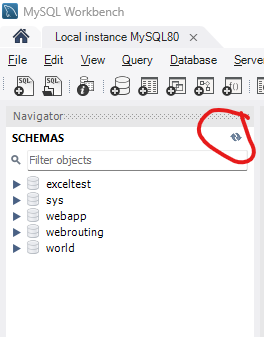
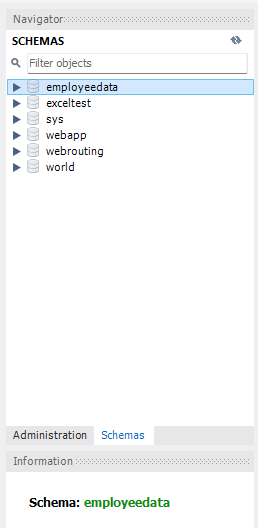
  


1. Right-click on our project and select "Run As SpringBoot App" to start the project. The system will display a message indicating that the project has been created successfully.

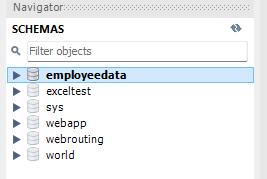




1. Return to MySQL Workbench and refresh the Scheme list for the database to display.

1. Double-click on the "employeedata" schema in the list to make it bold, indicating that you are focusing on this database. Then select Administration. Then select Data Import/Restore.



Graphical user interface, application

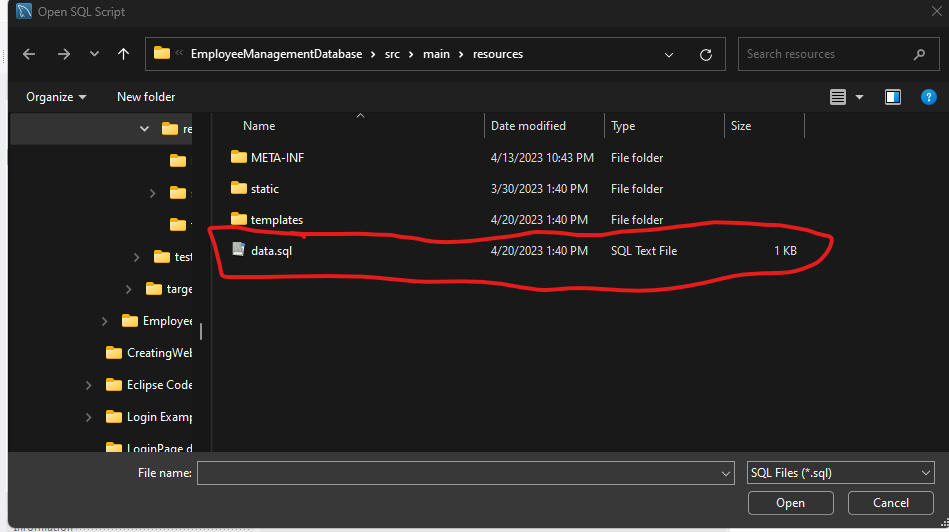
Description automatically generated  
Graphical user interface, text, application

Description automatically generated

1. Next Select Import from Self-Contained File, then point to where the project is stored, and select the data.SQL file, and finally make sure your Default Target Schema is set to the correct one.

Graphical user interface, application

Description automatically generated

Navigate to the "data.sql" file located in YourMainDict\EmployeeManagementDatabase\src\main\resources where you have the project stored   


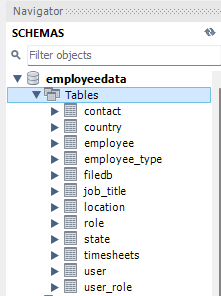
Then select Start Import

Graphical user interface, text, application

Description automatically generated

1. Graphical user interface, text, application

   Description automatically generatedOnce it is done running and importing data it will look like the following:
2. Next go back to Schemas and Refresh the schema list again and select the drop-down menu to display the tables.



1. To ensure that the data was entered correctly, select "user" and right-click to display its information. The table will now be populated with data from the data file and will display on the corresponding pages of our project.

