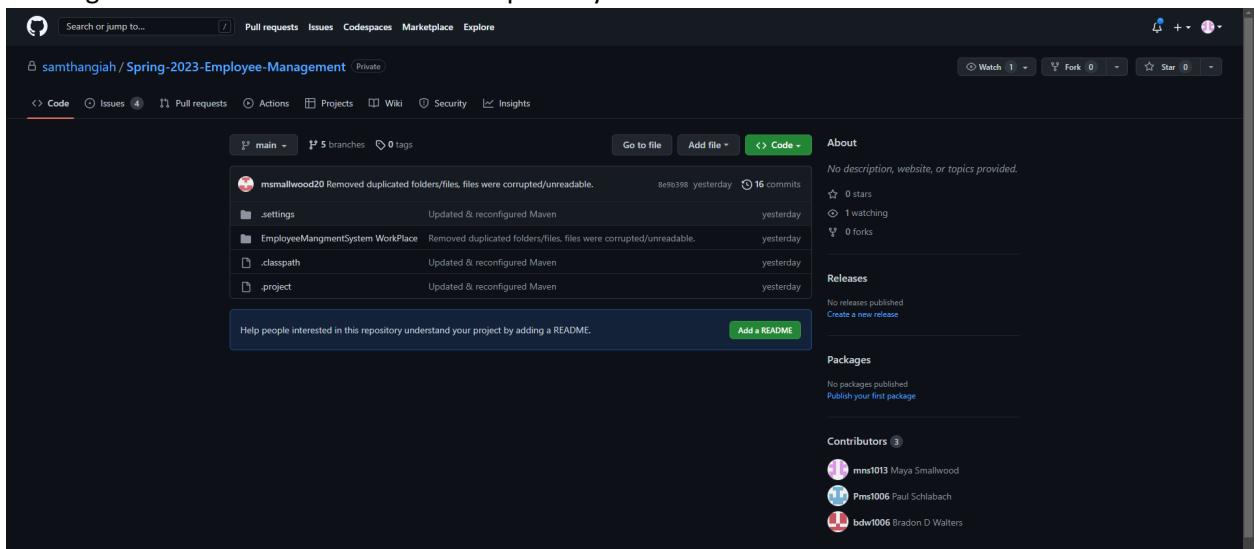


Employee Management Database System Manual

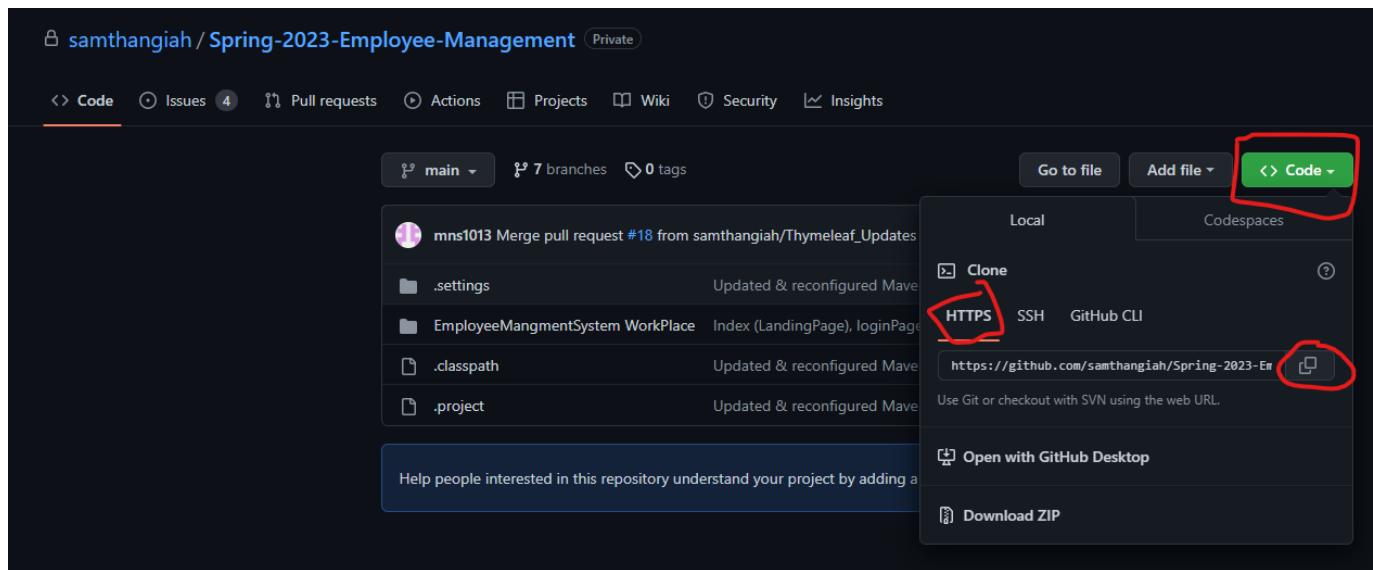
Update: 2.19.2023

Steps to download and open our Project:

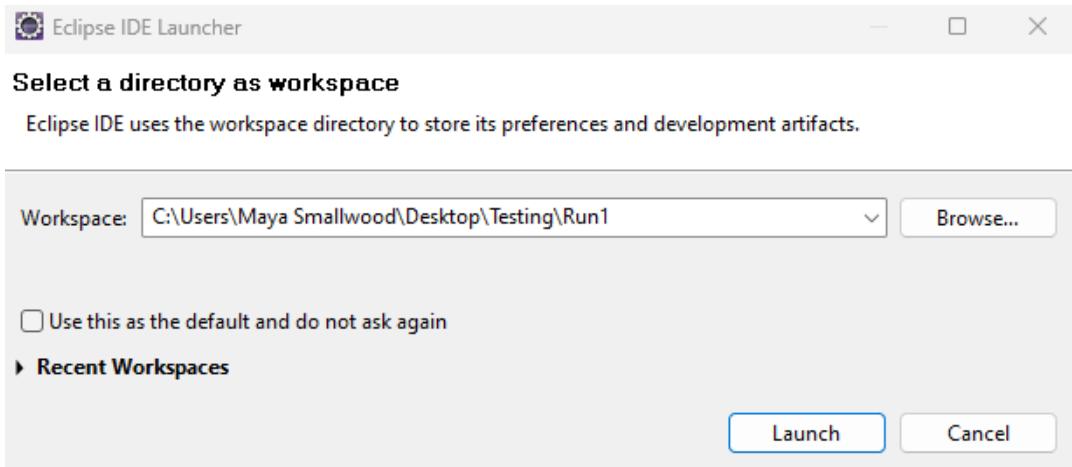
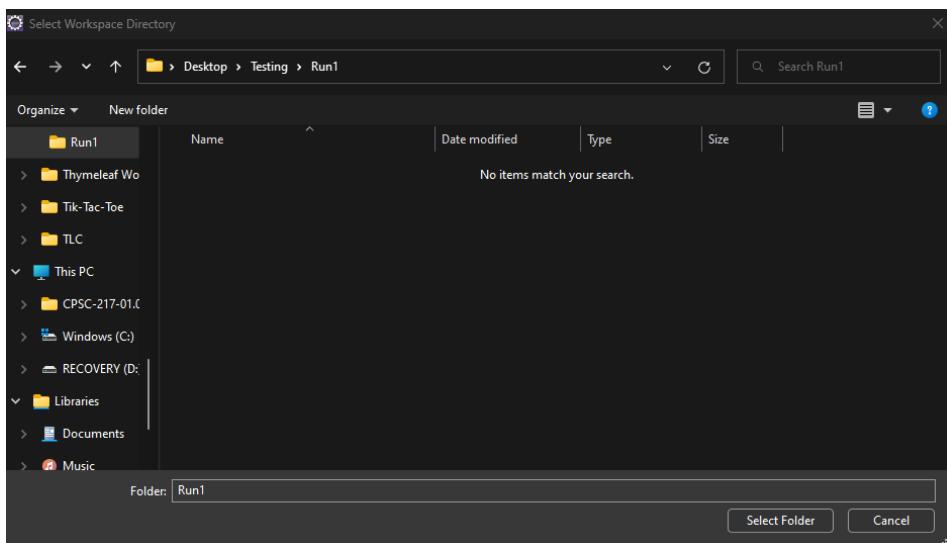
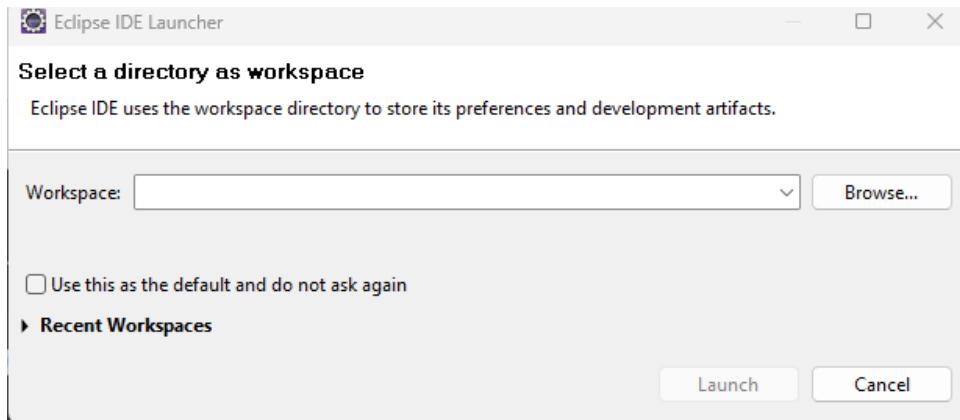
1. First login in and connect to our GitHub repository website



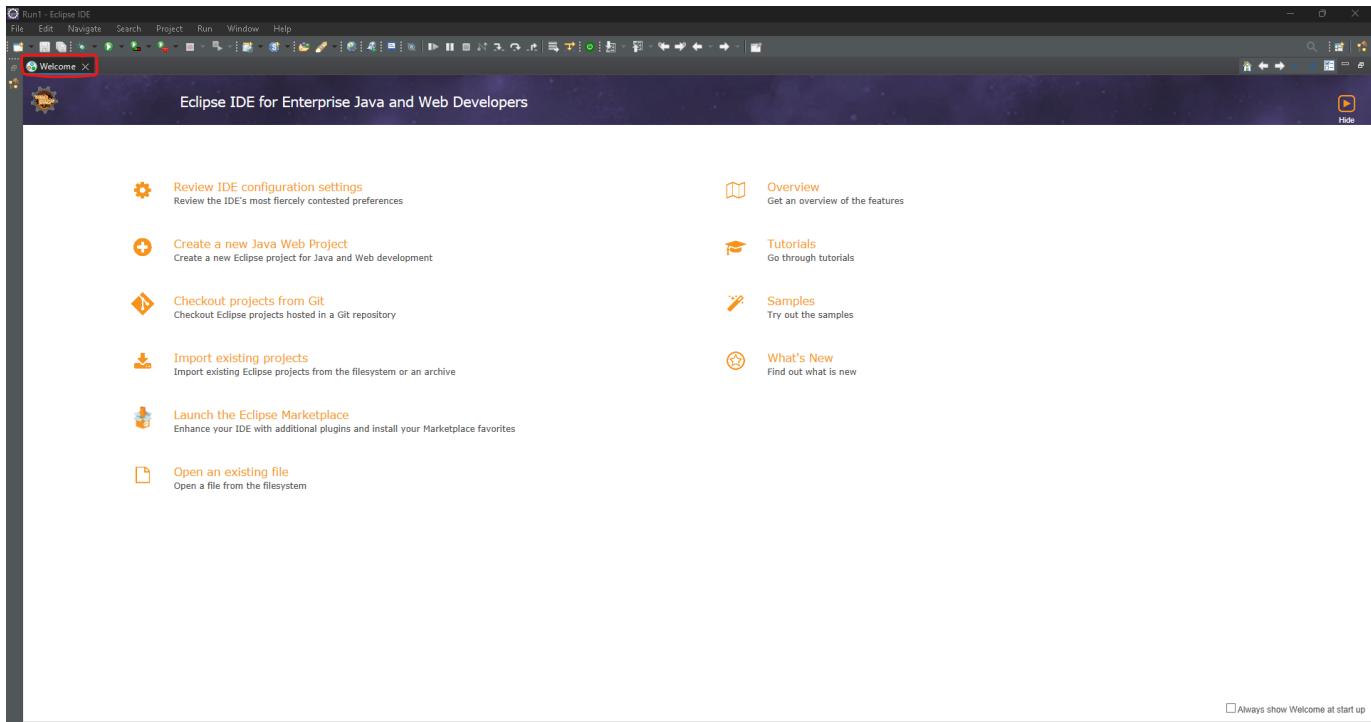
2. Next select Code and Select HTTPS, and then copy



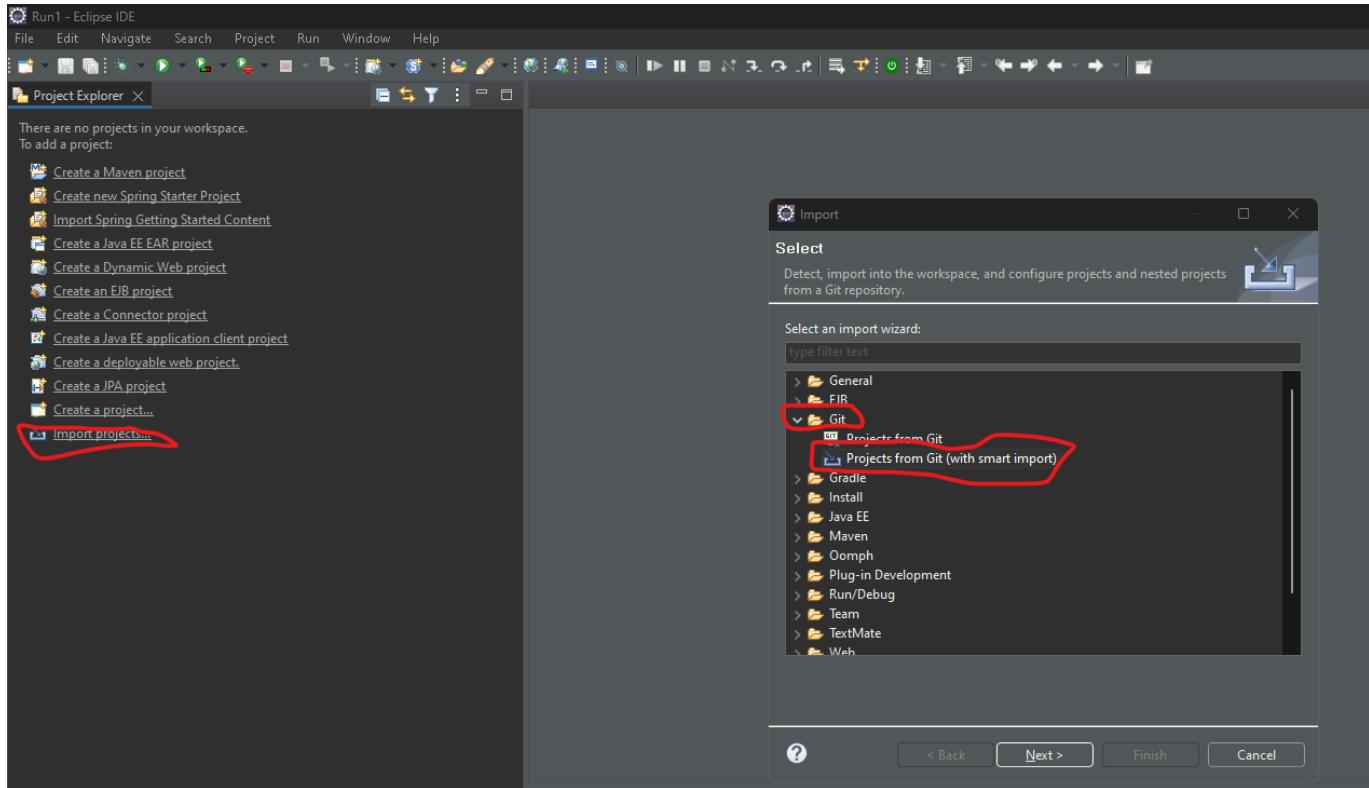
3. Next Open Eclipse IDE Enterprise Java & Web Developers-2022-12 create/select an empty folder



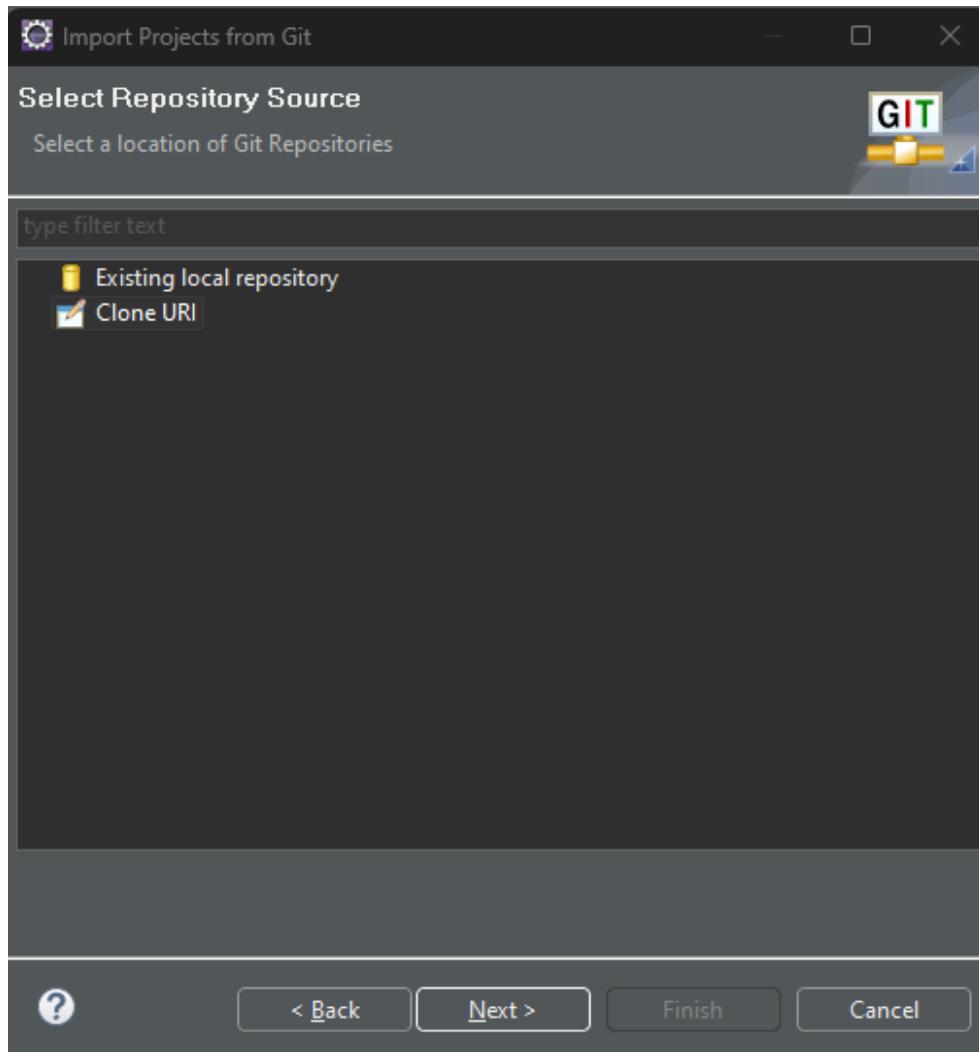
4. Next close the Welcome Window



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



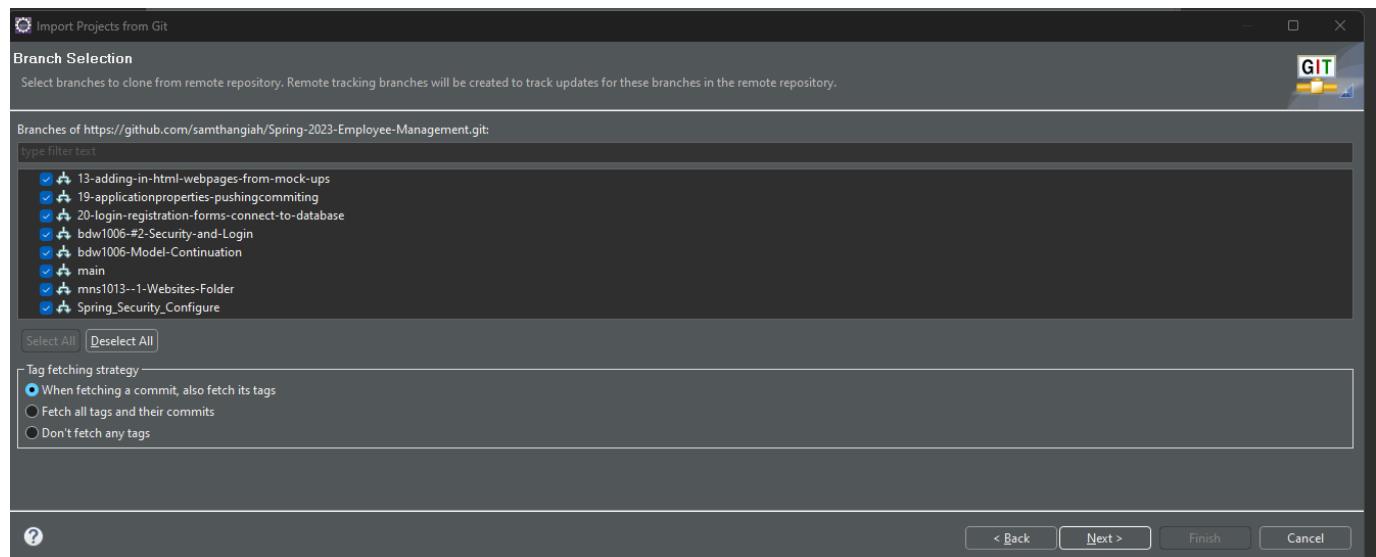
6. Clone URL



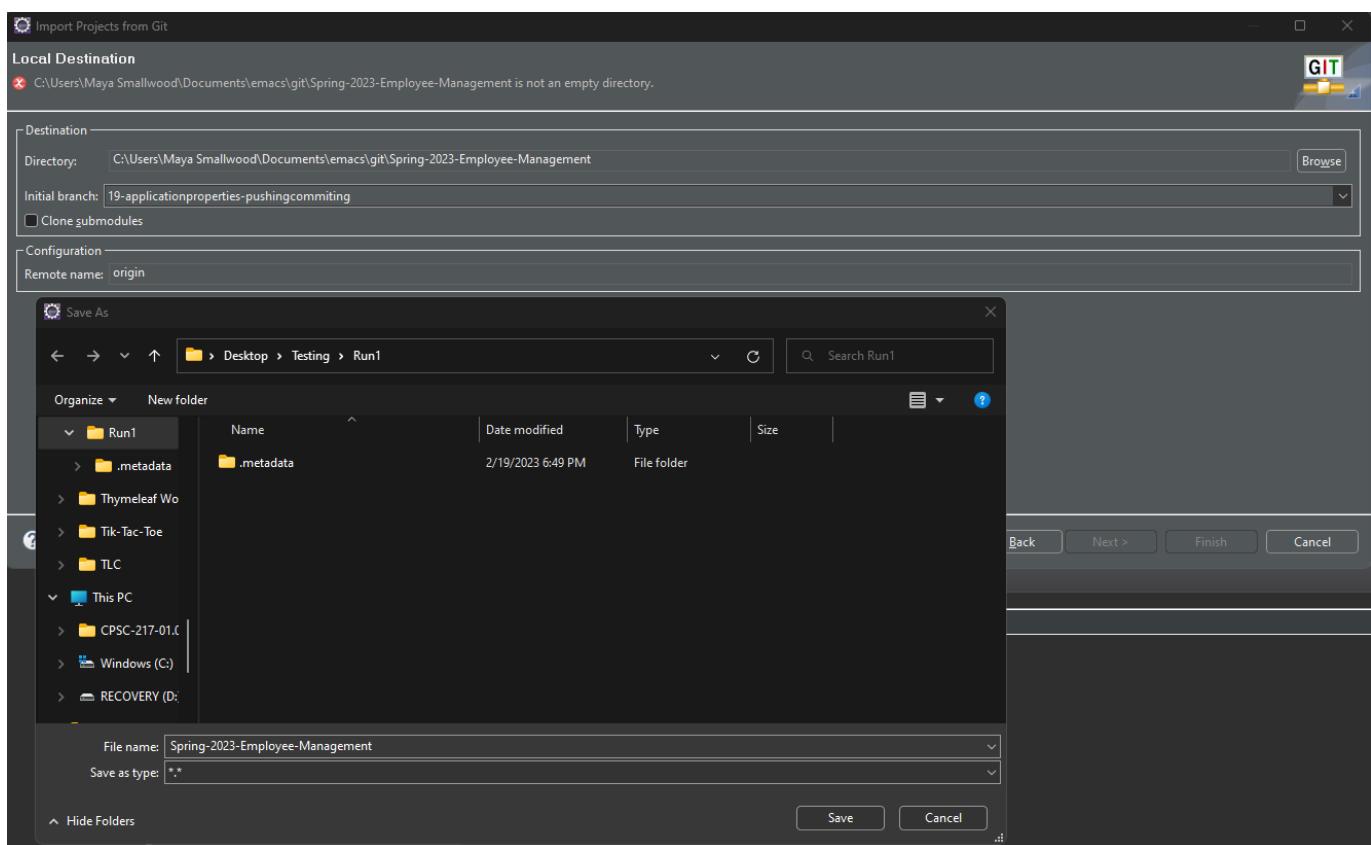
7. Copy that URL from **step 2** and select Next >



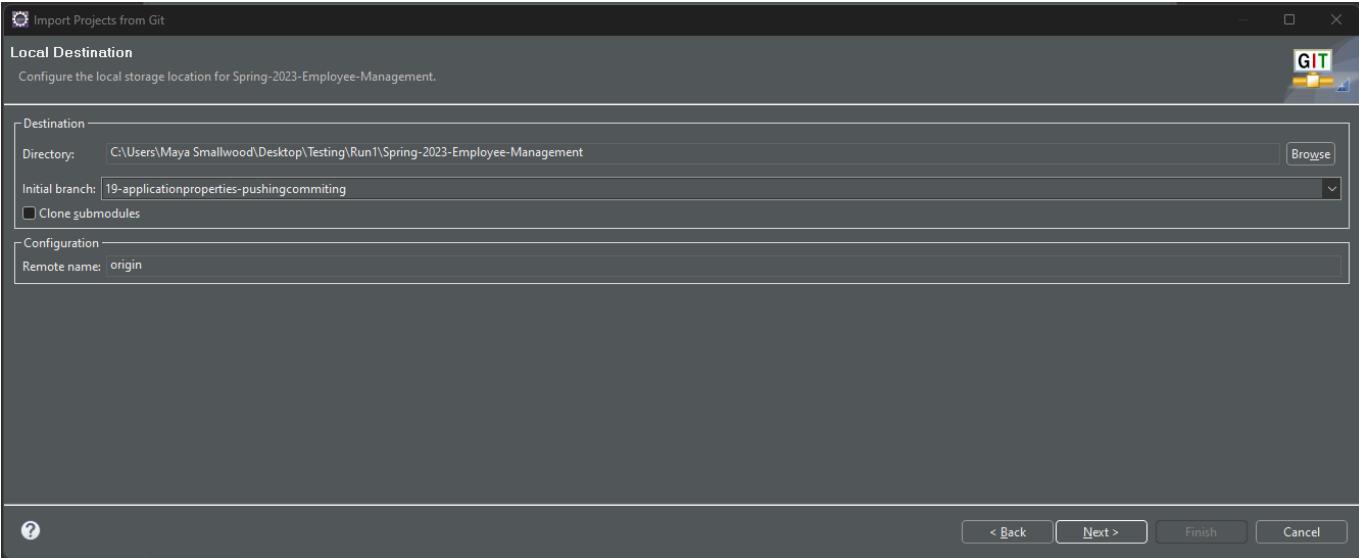
8. Select Next >



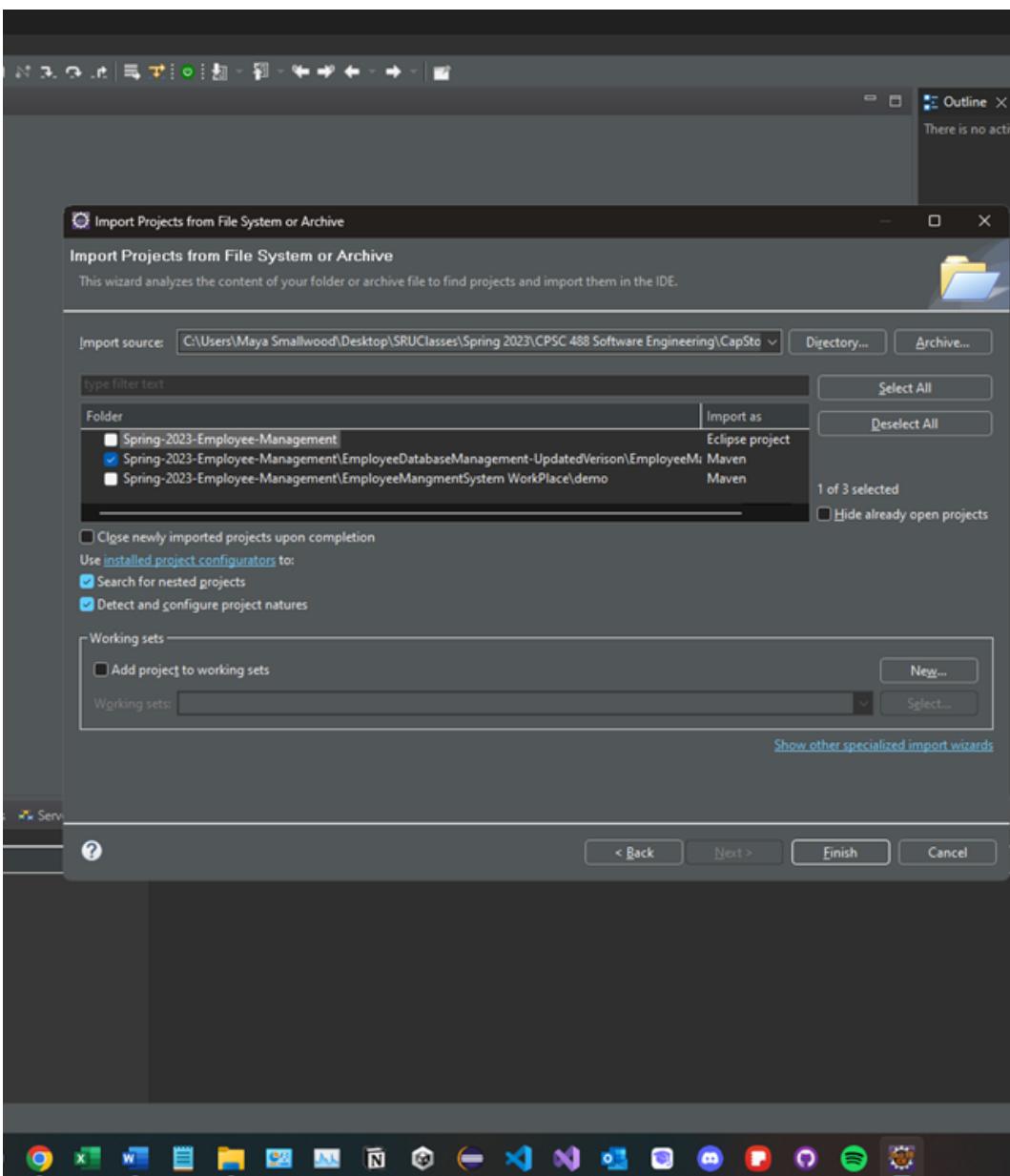
9. Select Browser and then save



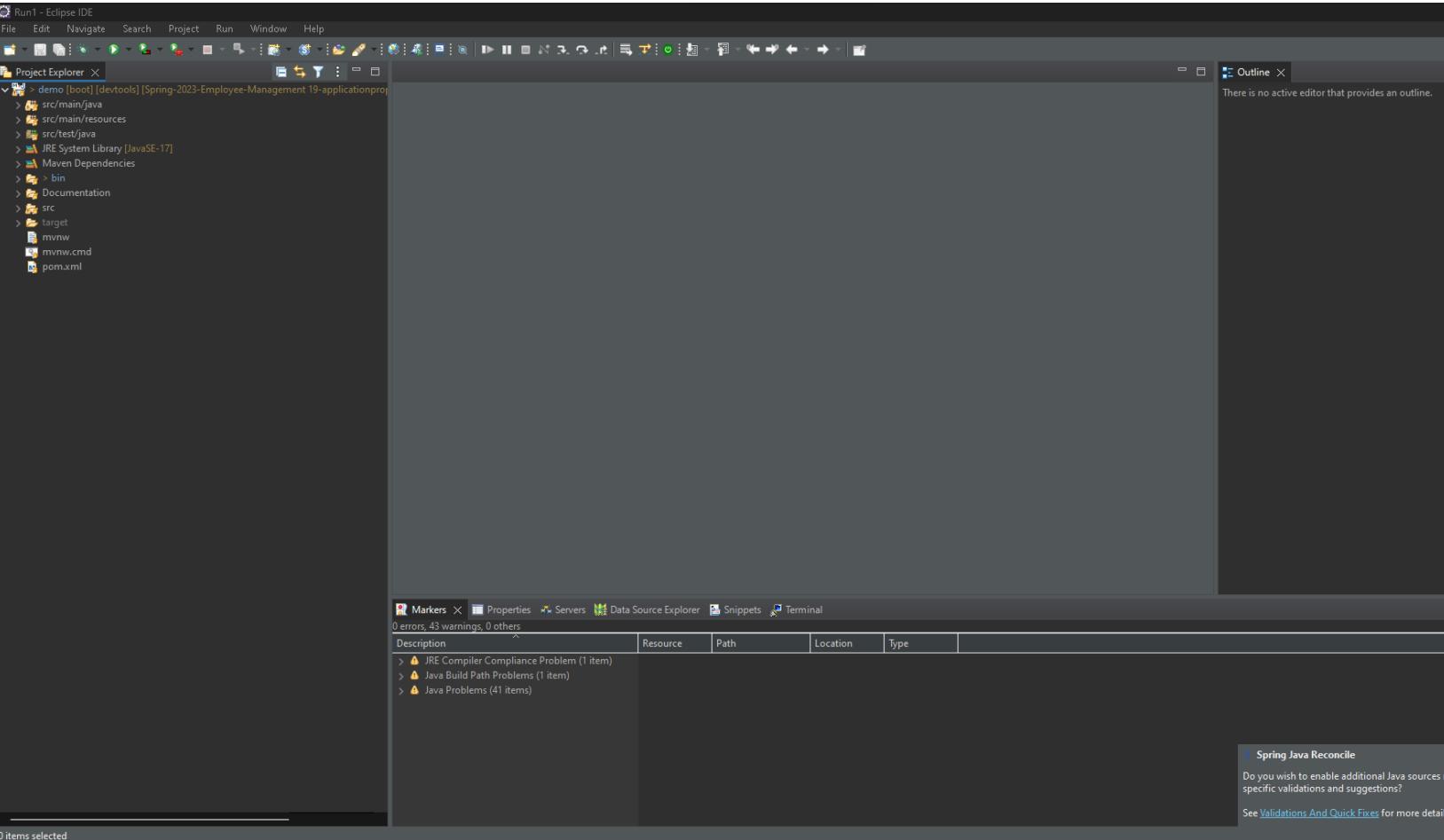
10. Select Next



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

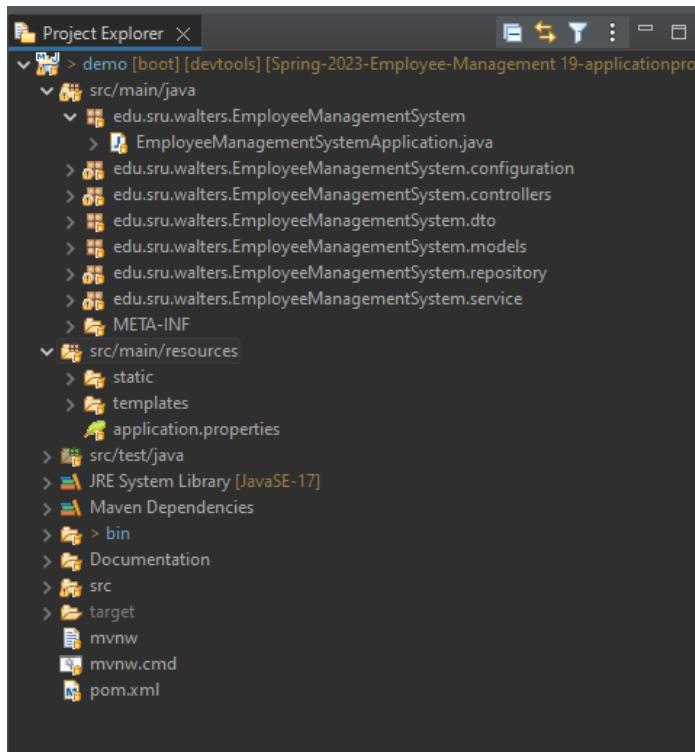


12. Project will build itself in and you will see it on the left-hand side

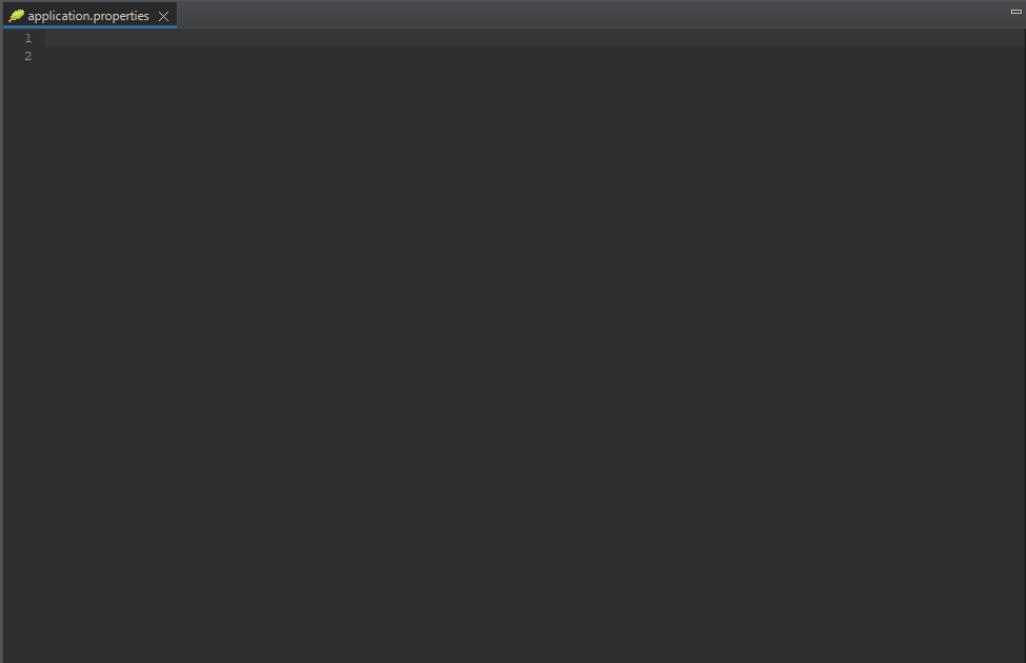


13. At the moment, 2.19.23 Our application.properties which creates the database does not sync, therefore please do the following:

Select the dropdown for src/main/resources



Double click application.properties



The screenshot shows a code editor window with a dark theme. The title bar reads "application.properties X". The main area of the editor is empty, except for the numbers "1" and "2" which are aligned vertically on the left side, likely representing line numbers.

And paste in the following:

```
spring.jpa.hibernate.ddl-auto=create  
spring.datasource.url=jdbc:mysql://localhost:3306/demo?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

14. Final to run our project:

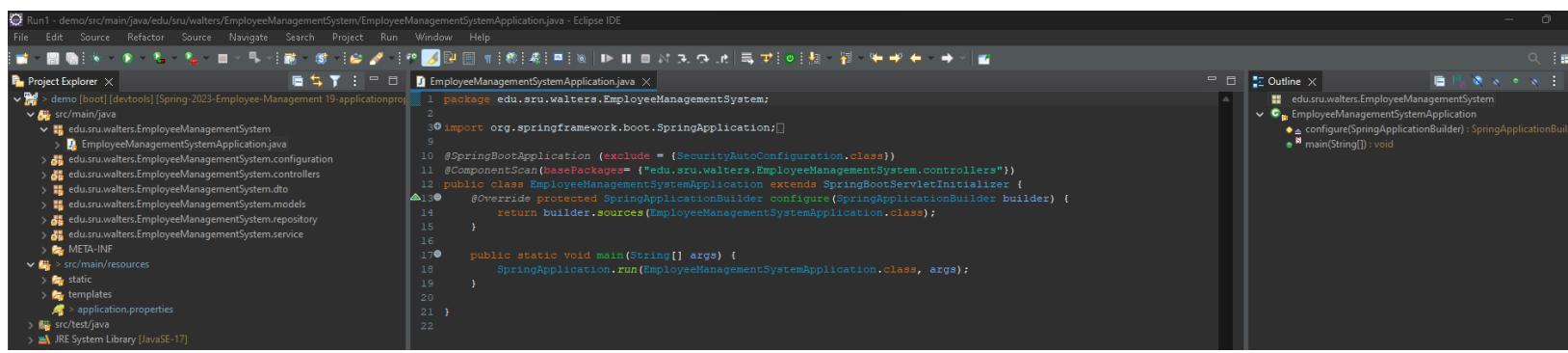
select the following:

sru/main/java

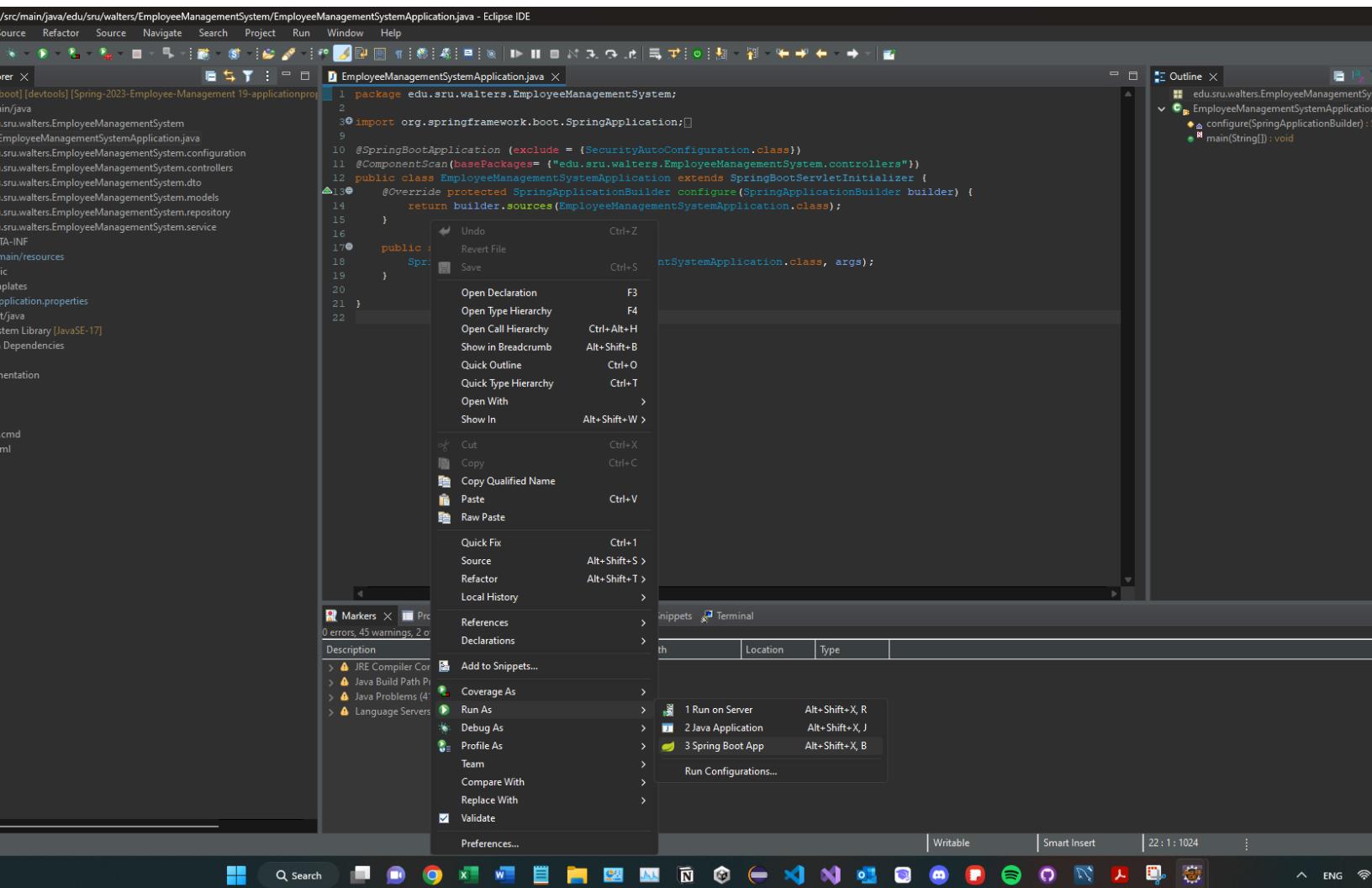
edu.sru.walters.EmployeeManagementSystem

and double click

EmployeeManagementSystemApplication.java



15. Next right-click anywhere inside EmployeeManagementSystemApplication.java folder
Go down to Run As
and then
Spring Boot App-Will only appear if you have installed spring tools



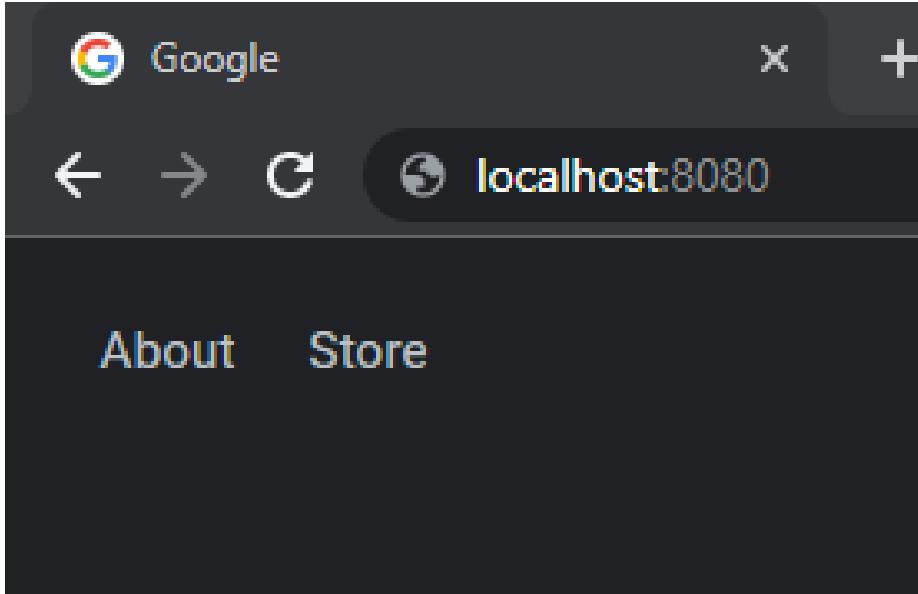
16. SpringBoot will run

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.

```
Run1 - demo/src/main/java/edu/sru/walters/EmployeeManagementSystem/EmployeeManagementSystemApplication.java - Eclipse IDE
File Edit Source Refactor Source Navigate Search Project Run Window Help
Markers Properties Servers Data Source Explorer Snippets Terminal Console X
demo - EmployeeManagementSystemApplication [Spring Boot App] C:\Users\Maya Smallwood\ug2\pool\plugins\org.eclipse.jdt.core\openjdk.hotspot.jre.full.win32.x86_64.19.0.1.v20221102-1007\jre\bin\javaw.exe (Feb 19, 2023, 7:28:14 PM) [pid: 27444]
.
.
.
11 Spring Boot 11 (v3.0.2)

2023-02-19T19:28:17.360+05:00 INFO 27444 --- [ restartedMain] .w.E.EmployeeManagementSystemApplication : Starting EmployeeManagementSystemApplication using Java 19.0.1 with PID 27444 (C:\Users\Maya Smallwood\Desktop\Testing\Run1\demo\target\classes)
2023-02-19T19:28:17.365+05:00 INFO 27444 --- [ restartedMain] .w.E.EmployeeManagementSystemApplication : No active profile set, falling back to 1 default profile: "default"
2023-02-19T19:28:17.365+05:00 INFO 27444 --- [ restartedMain] o.s.boot.SpringApplication : Setting application properties to 'false' to disable
2023-02-19T19:28:17.432+05:00 INFO 27444 --- [ restartedMain] o.s.boot.SpringApplication : Set 'logging.level.root' to 'INFO'
2023-02-19T19:28:18.121+05:00 INFO 27444 --- [ restartedMain] s.d.r.c.RepositoryConfigurationDelegate : Multiple Spring Data modules found, entering strict repository configuration mode
2023-02-19T19:28:18.123+05:00 INFO 27444 --- [ restartedMain] s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JDBC repositories in DEFAULT mode
2023-02-19T19:28:18.170+05:00 INFO 27444 --- [ restartedMain] RepositoryConfigurationExtensionSupport : Spring Data JDBC - Could not safely identify store assignment for repository candidate interface edu.sru.walters.EmployeeManagementSystemApplication
2023-02-19T19:28:18.172+05:00 INFO 27444 --- [ restartedMain] RepositoryConfigurationExtensionSupport : Spring Data JDBC - Could not safely identify store assignment for repository candidate interface edu.sru.walters.EmployeeManagementSystemApplication
2023-02-19T19:28:18.173+05:00 INFO 27444 --- [ restartedMain] s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 43 ms. Found 0 JDBC repository interfaces.
2023-02-19T19:28:18.174+05:00 INFO 27444 --- [ restartedMain] s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data module in DEFAULT mode
2023-02-19T19:28:18.175+05:00 INFO 27444 --- [ restartedMain] s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 28 ms. Found 2 JPA repository interfaces.
2023-02-19T19:28:18.510+05:00 INFO 27444 --- [ restartedMain] s.d.r.c.RepositoryConfigurationDelegate : Bean 'org.springframework.ws.config.annotation.DelegatingWsConfiguration' of type [org.springframework.ws.config.annotation.I
2023-02-19T19:28:18.553+05:00 INFO 27444 --- [ restartedMain] s.w.s.a.AnnotationEndpointMapping : Supporting [WS-Addressing August 2004, WS-Addressing 1.0]
2023-02-19T19:28:18.883+05:00 INFO 27444 --- [ restartedMain] s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2023-02-19T19:28:18.896+05:00 INFO 27444 --- [ restartedMain] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2023-02-19T19:28:18.900+05:00 INFO 27444 --- [ restartedMain] o.apache.catalina.core.StandardEngine : Starting Servlet Engine: [Apache Tomcat/10.1.8]
2023-02-19T19:28:19.020+05:00 INFO 27444 --- [ restartedMain] o.a.c.t.TcpNioProtocol : [Tomcat] [/] [http-nio-8080]
2023-02-19T19:28:19.021+05:00 INFO 27444 --- [ restartedMain] o.a.c.ServletWebServerApplicationContext : Initializing Spring embedded WebApplicationContext
2023-02-19T19:28:19.085+05:00 INFO 27444 --- [ restartedMain] o.com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2023-02-19T19:28:19.456+05:00 INFO 27444 --- [ restartedMain] o.com.zaxxer.hikari.HikariPool : HikariPool-1 - Added connection com.mysql.cj.jdbc.ConnectionImpl@946845d69
2023-02-19T19:28:19.460+05:00 INFO 27444 --- [ restartedMain] o.com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2023-02-19T19:28:19.479+05:00 INFO 27444 --- [ restartedMain] o.s.b.a.H2ConsoleAutoConfiguration : H2 console available at '/h2-console'. Database available at 'jdbc:mysql://localhost:3306/demo?createDatabaseIfNotExist=true'
2023-02-19T19:28:19.710+05:00 INFO 27444 --- [ restartedMain] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
2023-02-19T19:28:20.017+05:00 INFO 27444 --- [ restartedMain] o.hibernate.dialect.Dialect : HHH0000021: Encountered deprecated setting [java.persistence.sharedCache.mode], use [jakarta.persistence.sharedCache.mode]
2023-02-19T19:28:20.251+05:00 INFO 27444 --- [ restartedMain] o.hibernate.dialect.MySQLDialect : HHH000400: Using dialect: org.hibernate.dialect.MySQLDialect
2023-02-19T19:28:21.375+05:00 INFO 27444 --- [ restartedMain] j.LocalContainerEntityManagerFactoryBean : Initializing JPA EntityManagerFactory for persistence unit 'default'
2023-02-19T19:28:21.442+05:00 WARN 27444 --- [ restartedMain] jpaBaseConfigurationJpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, database queries may be performed during view rendering. Explicitly
2023-02-19T19:28:21.443+05:00 INFO 27444 --- [ restartedMain] o.s.b.a.welcomePageHandlerMapping : Adding welcome page template: index
2023-02-19T19:28:21.444+05:00 INFO 27444 --- [ restartedMain] o.s.b.a.welcomePageHandlerMapping : Properties [index] set. This welcome context will be used for read-write operations
2023-02-19T19:28:22.221+05:00 INFO 27444 --- [ restartedMain] o.s.b.a.OptionalLocalLoadBalancer : Tomcat selected server is running on port 35729
2023-02-19T19:28:22.249+05:00 INFO 27444 --- [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path ''
2023-02-19T19:28:22.278+05:00 INFO 27444 --- [ restartedMain] .w.E.EmployeeManagementSystemApplication : Started EmployeeManagementSystemApplication in 5.374 seconds (process running for 6.555)
2023-02-19T19:29:10.839+05:00 INFO 27444 --- [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'
2023-02-19T19:29:10.839+05:00 INFO 27444 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2023-02-19T19:29:10.840+05:00 INFO 27444 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms
```

17. Open up and web-browsr, and then type in the following: localhost:8080



18. You will then be taken
to our HomePage

GAZEBO HQ

localhost:8080

GAZEBO HQ

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Want to keep all your employees infomation in one Place?

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