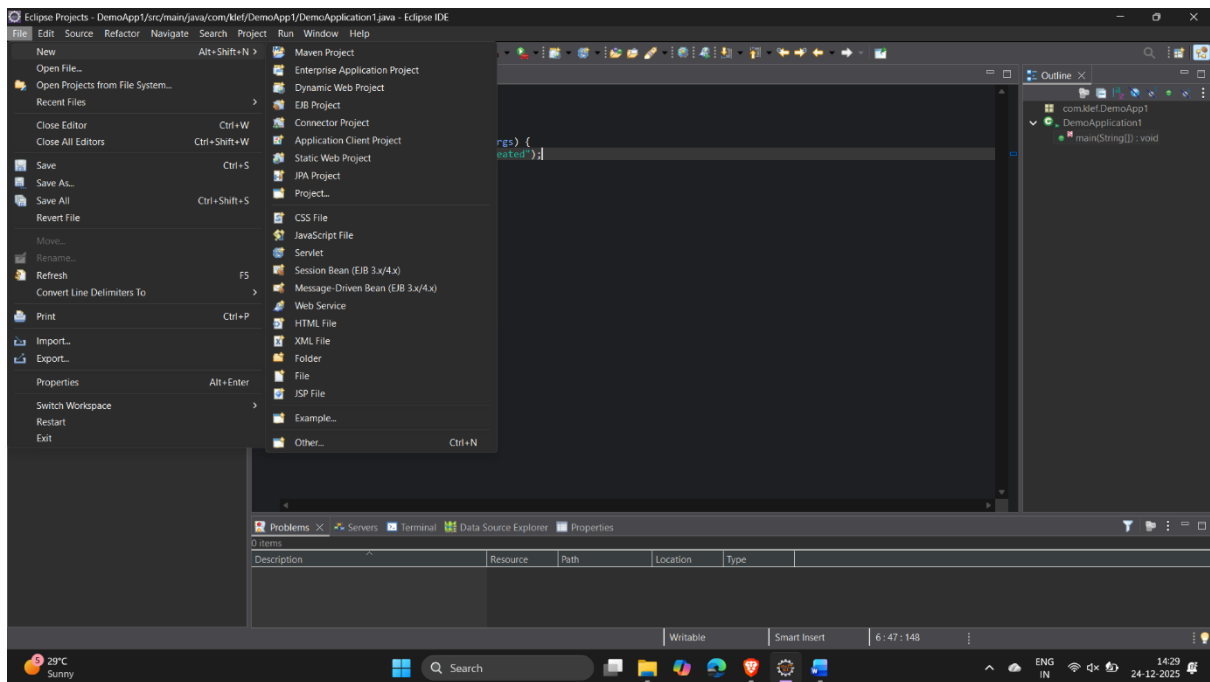
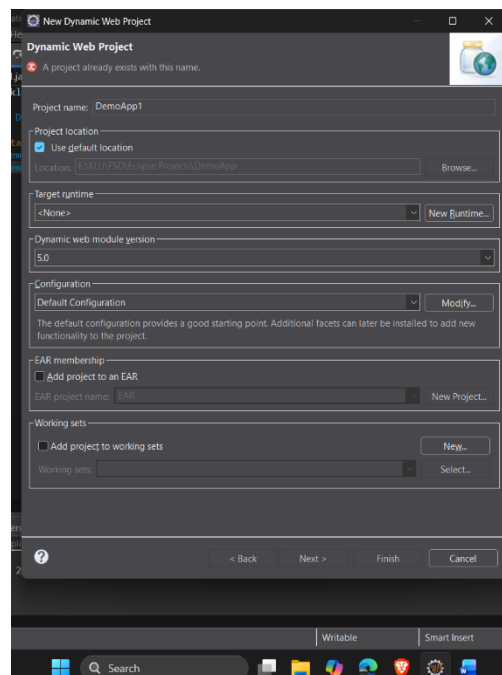


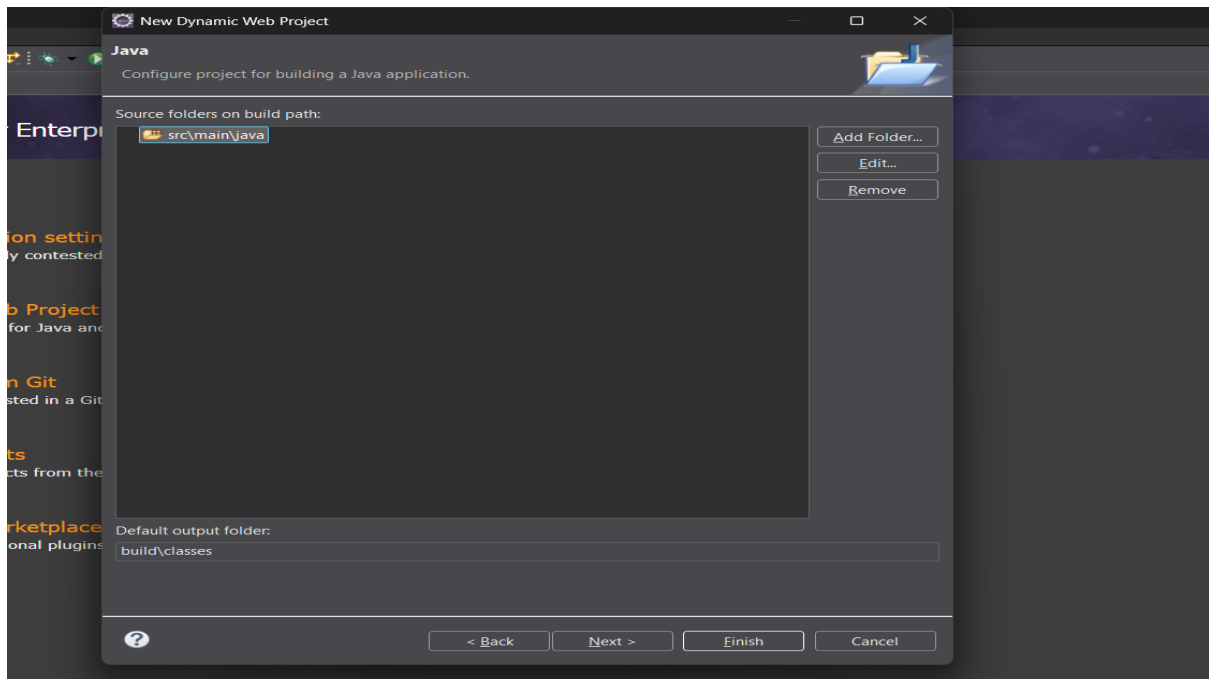
## Click File-New-Dynamic Web Project



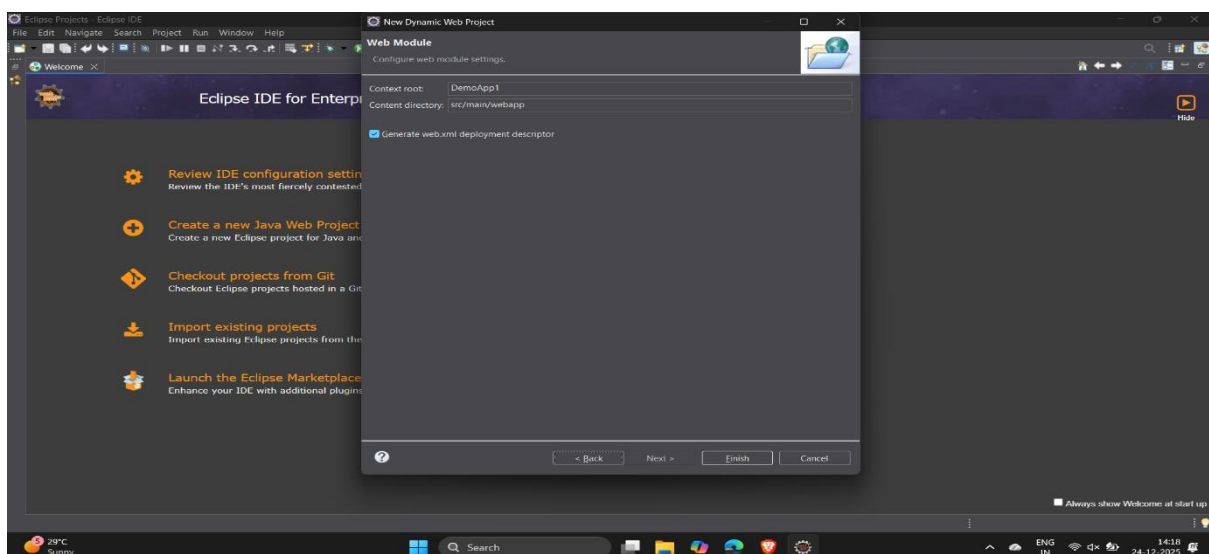
## Give the project name (DemoApp1)



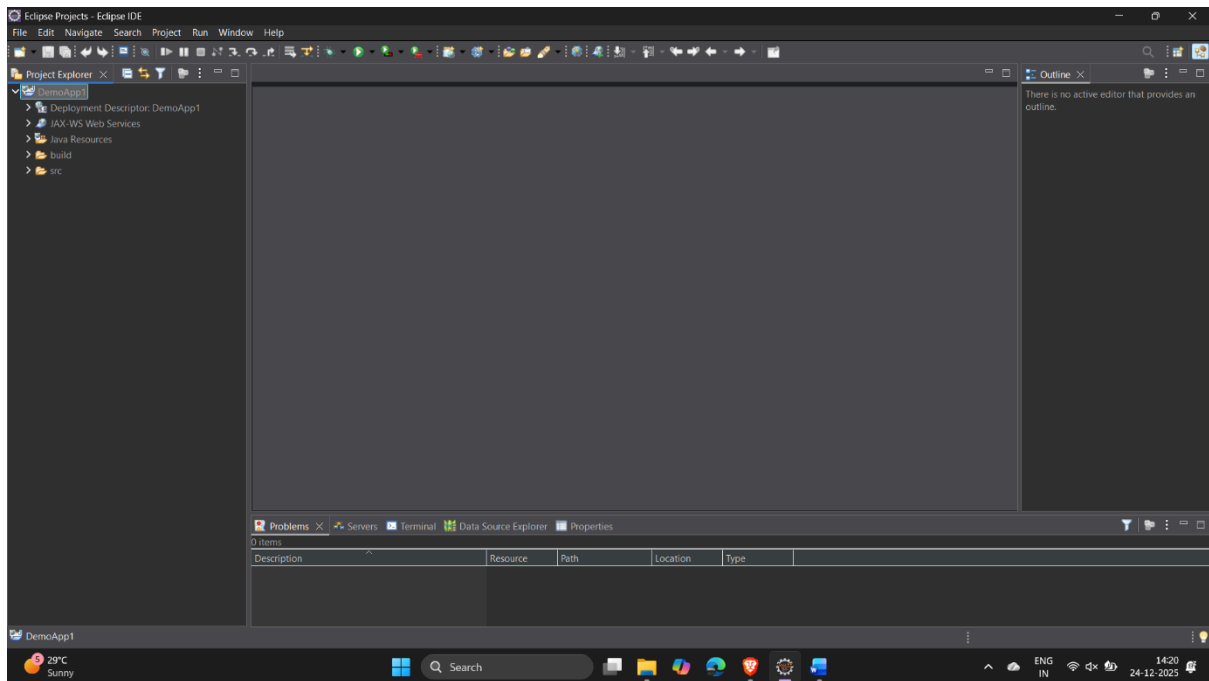
Click on next



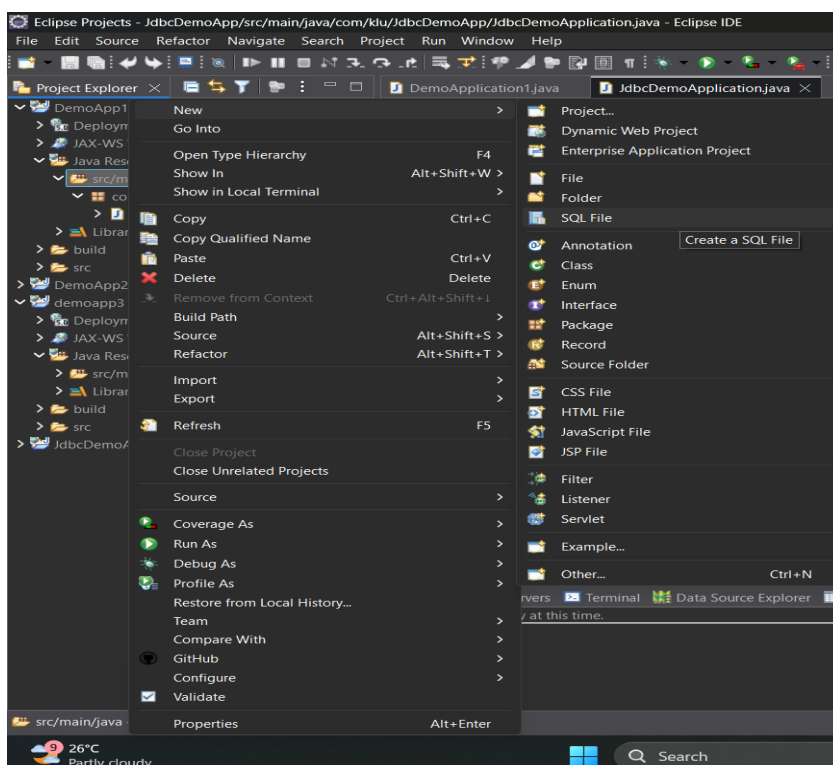
Click on next

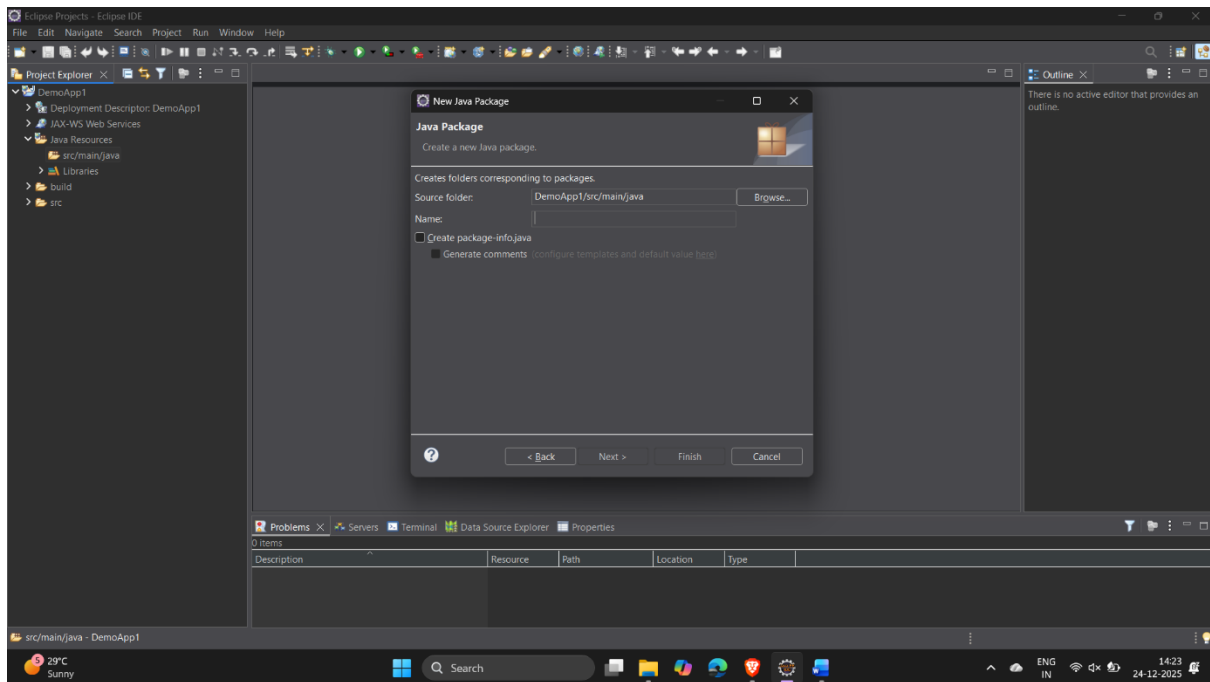


Click on Web.xml deployment descriptor and then click on finish

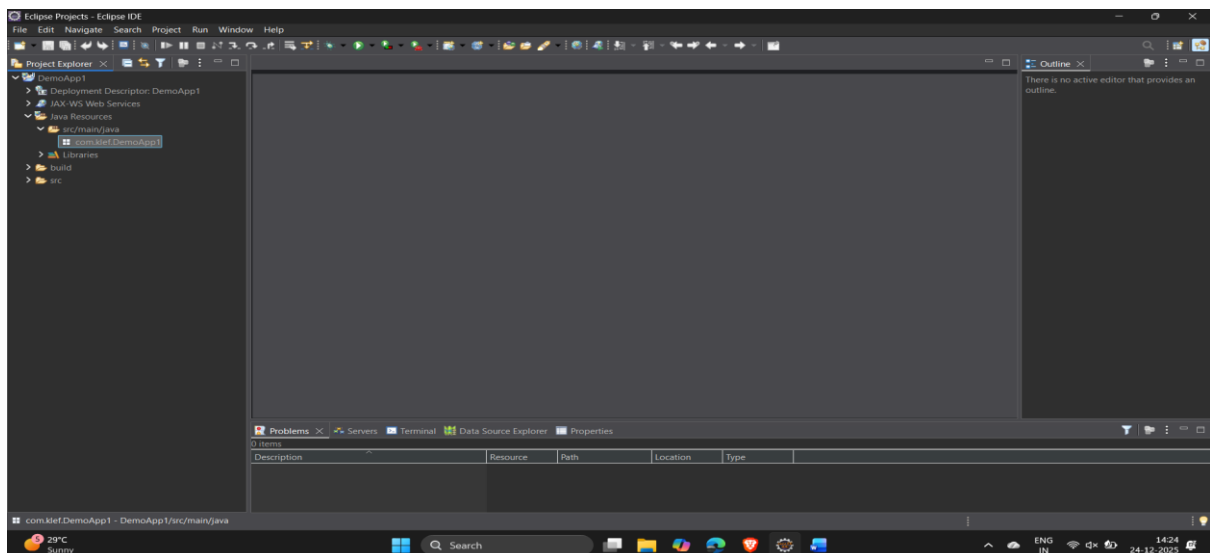


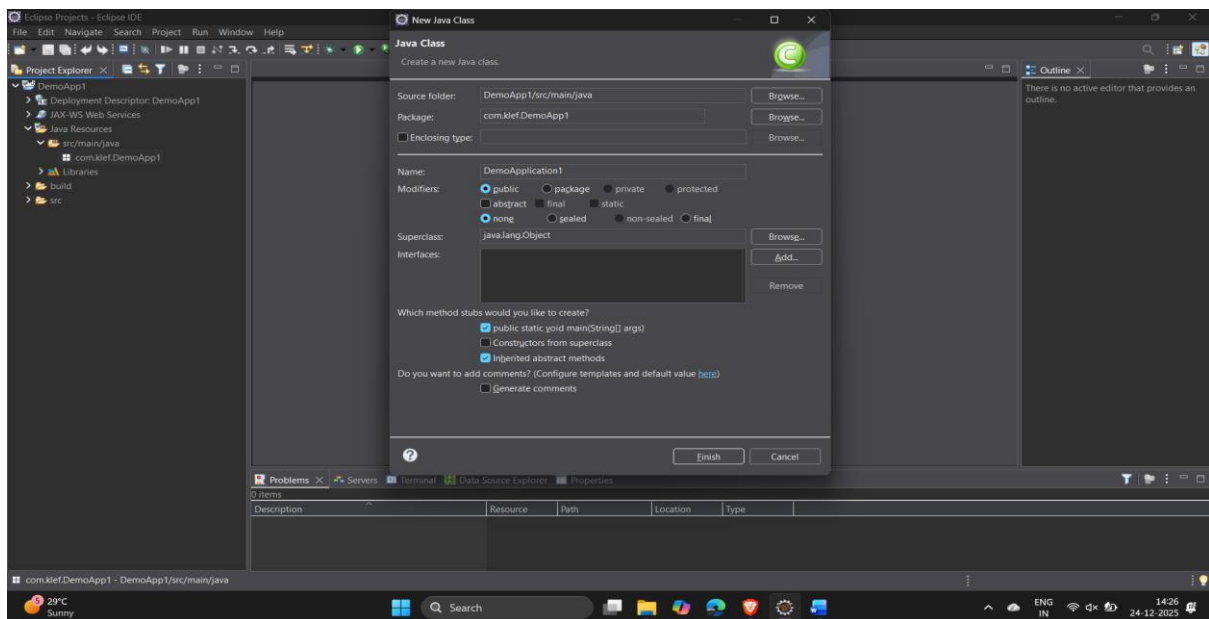
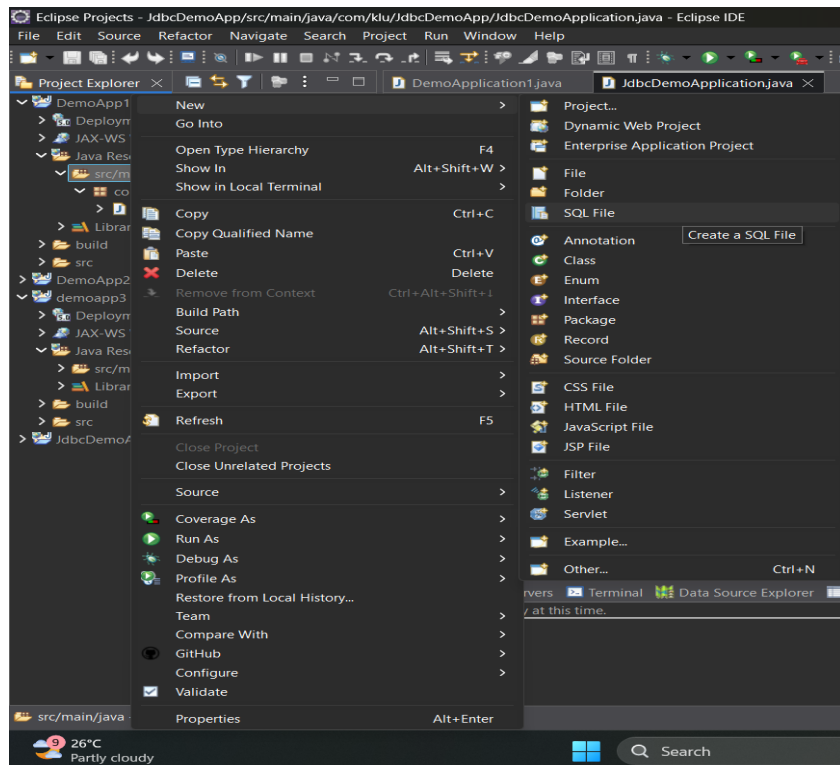
You will get something like this



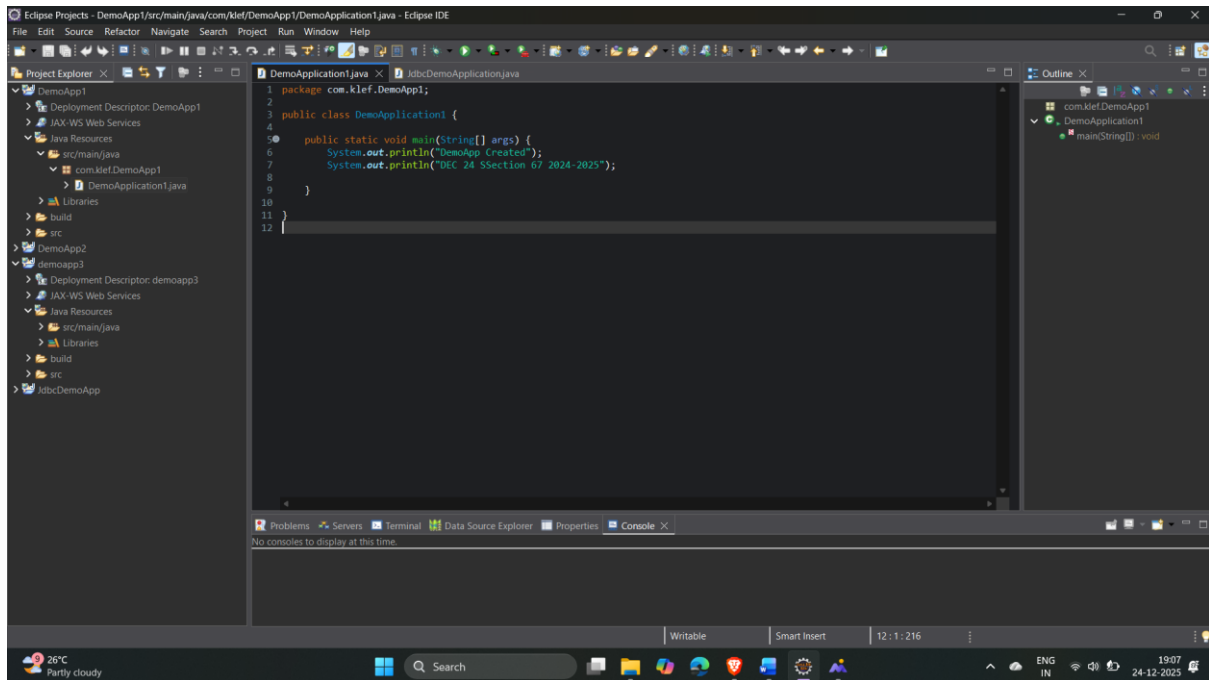


Click on Java Resources and then right click on src/main/java and then New-Package and type com.klef.DemoApp1

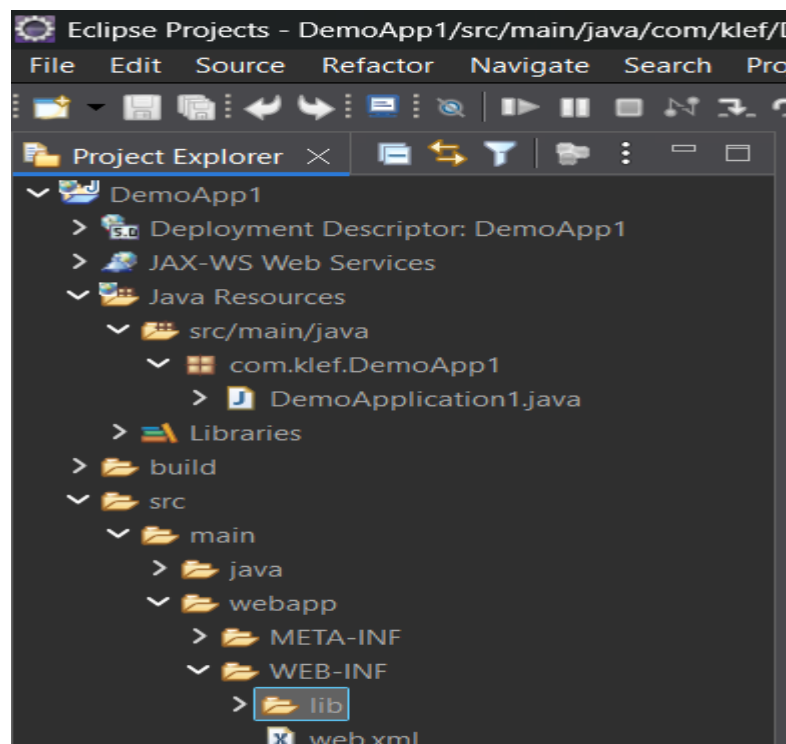




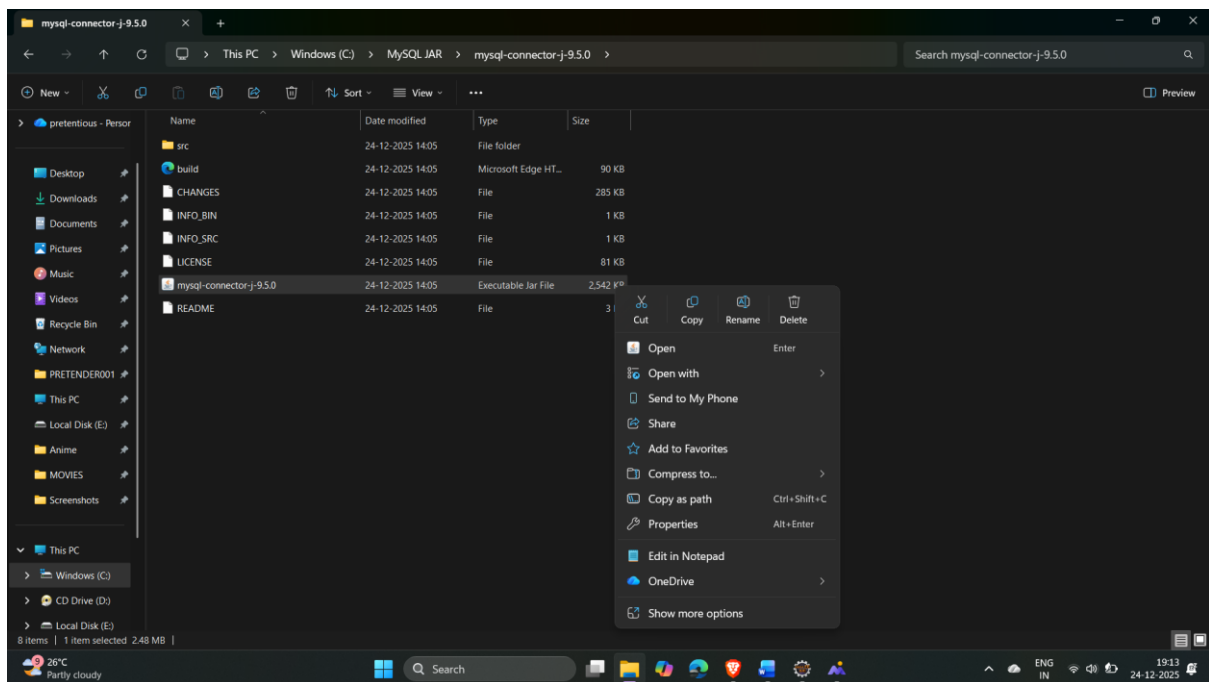
Right click on package a com.klef.DemoApp1 and then File - New - class type DemoApplication1 and click on public static void main(String[] args)



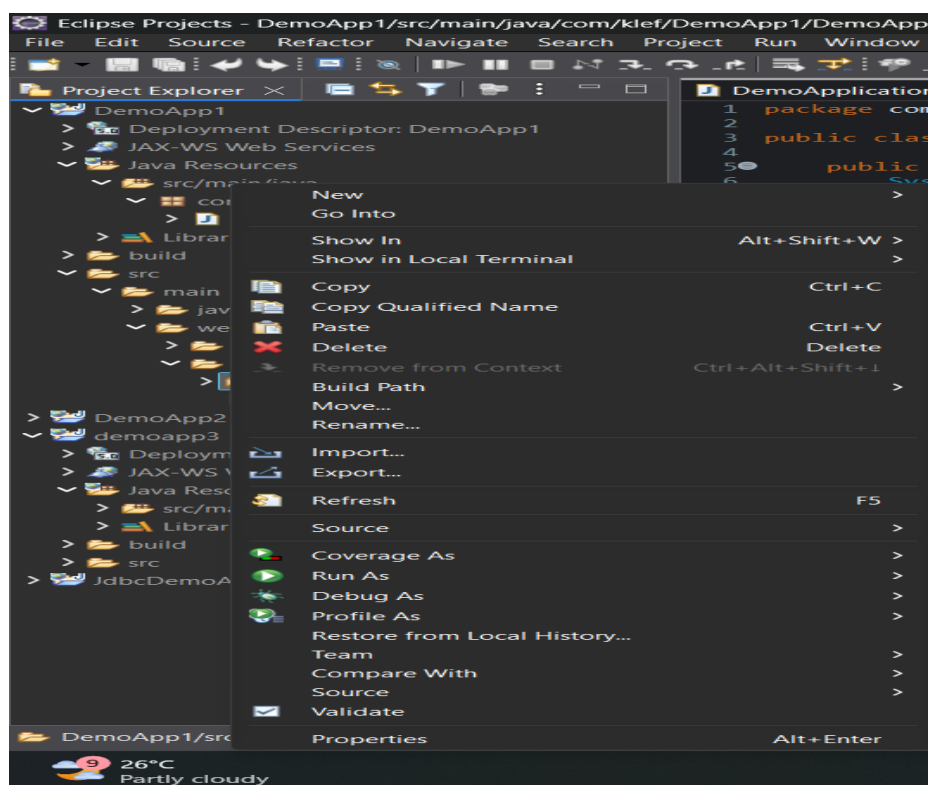
Write the print statements mentioned in the image and then click on save



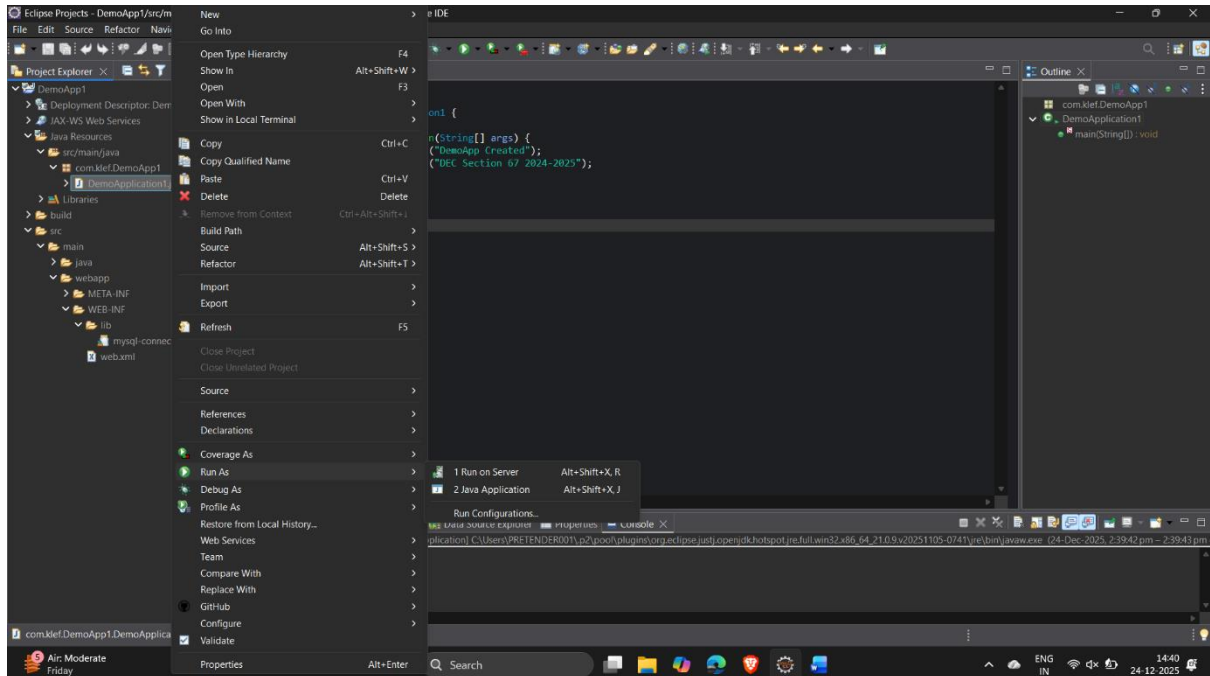
Now src-main-webapp-WEB-INF-lib



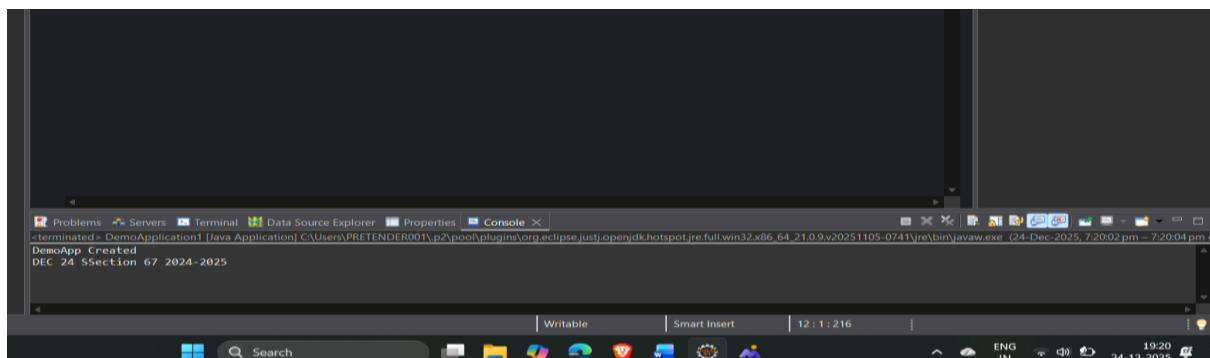
Now copy mysql-connector-j



Right click on lib and then click on paste

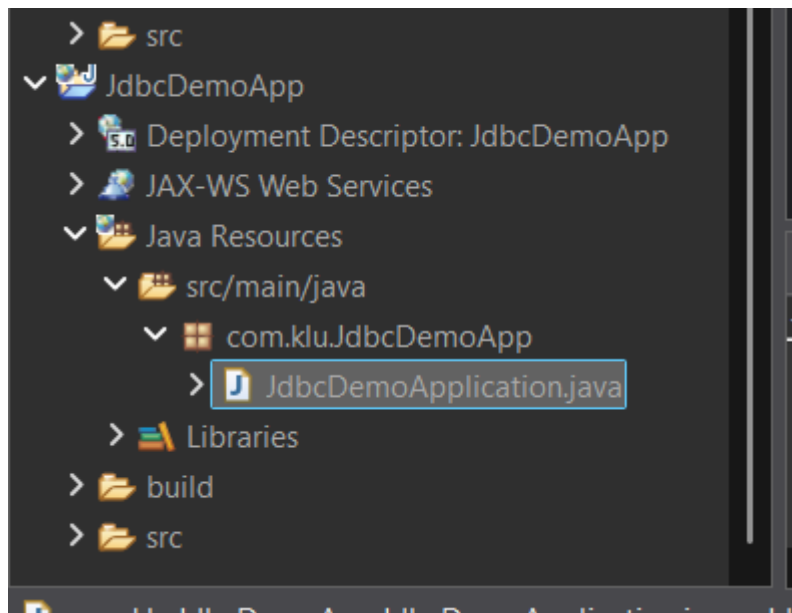


Now go to class DemoApplication1 and Right click on it then click on run as and finally 2 Java Application

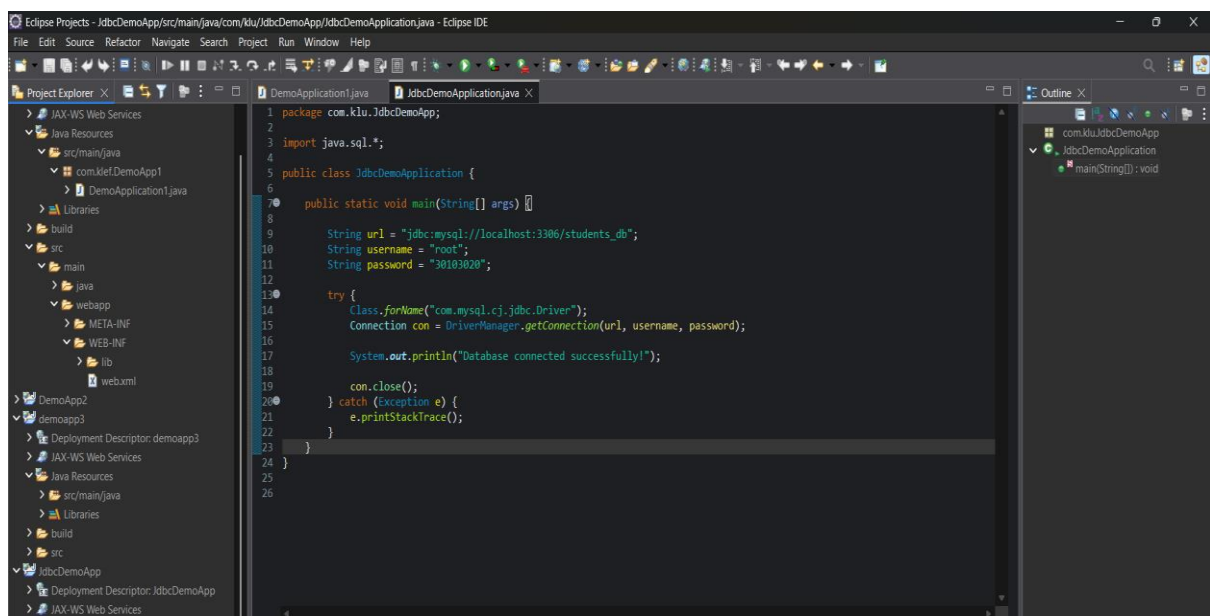


You will get something like this

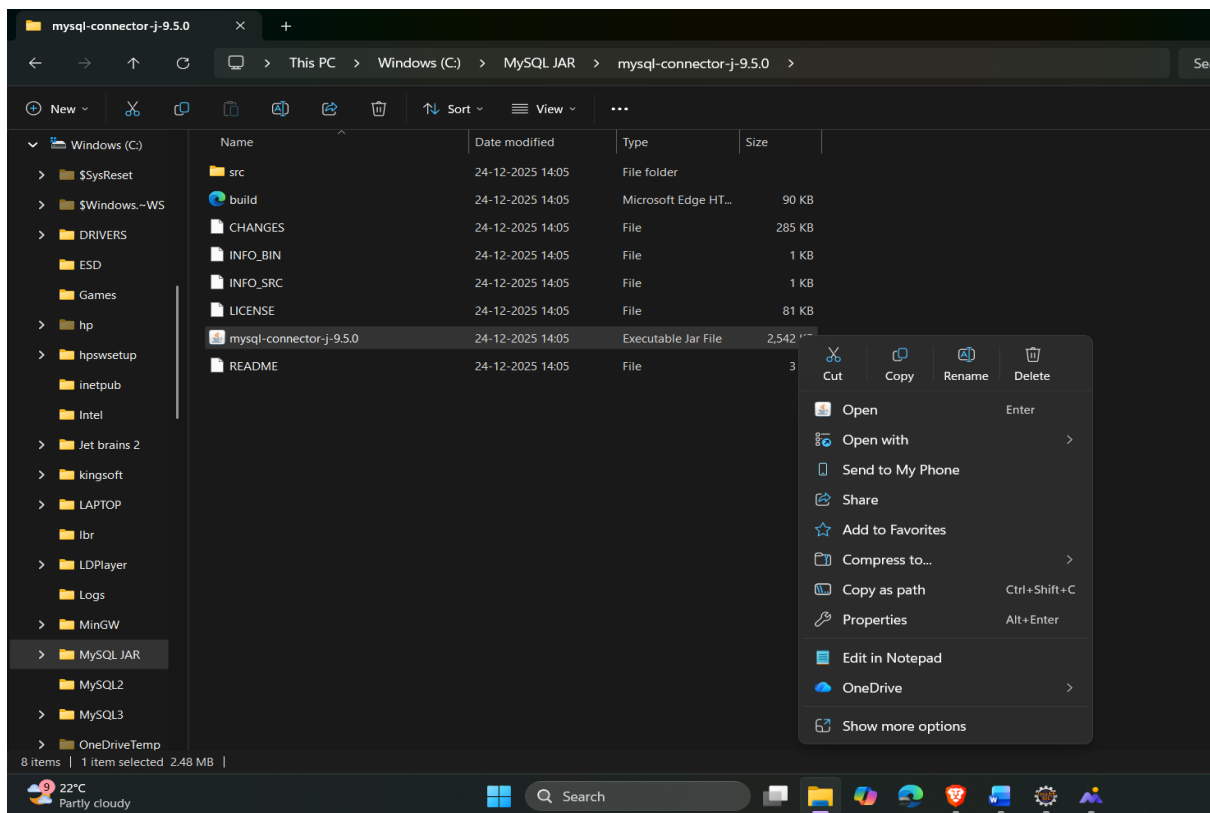




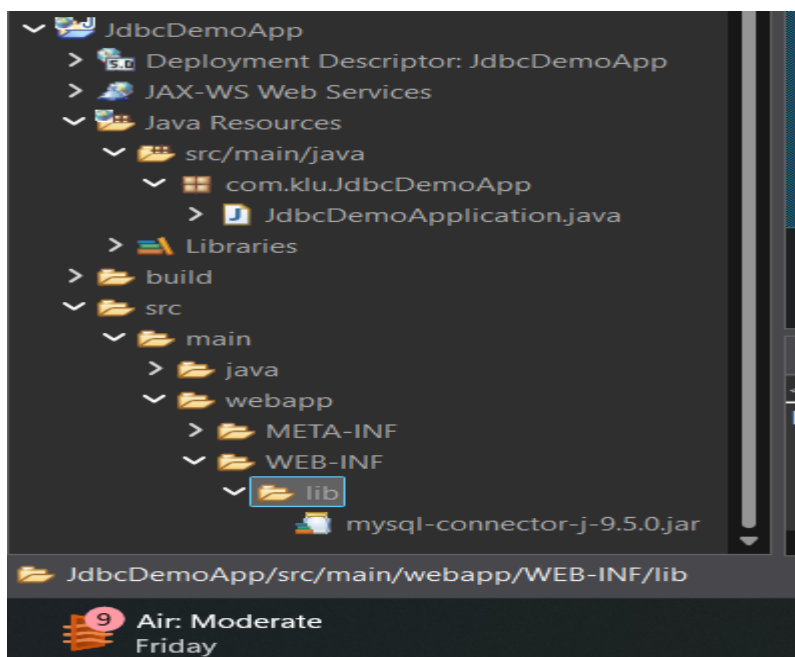
Now create JdbcDemoApp following the same process as in creation of DemoApp1



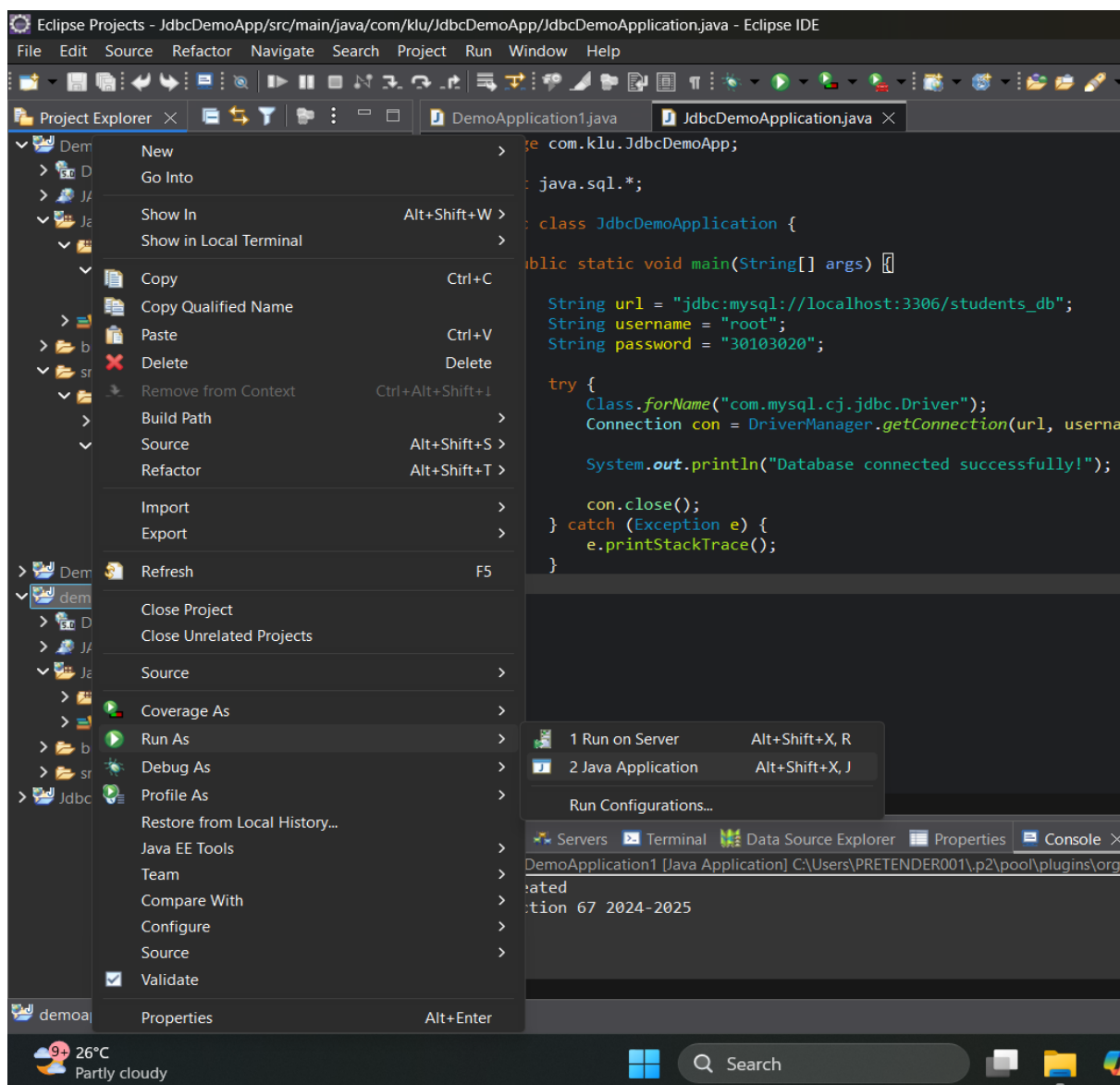
Write this code in class JdbcDemoApplication



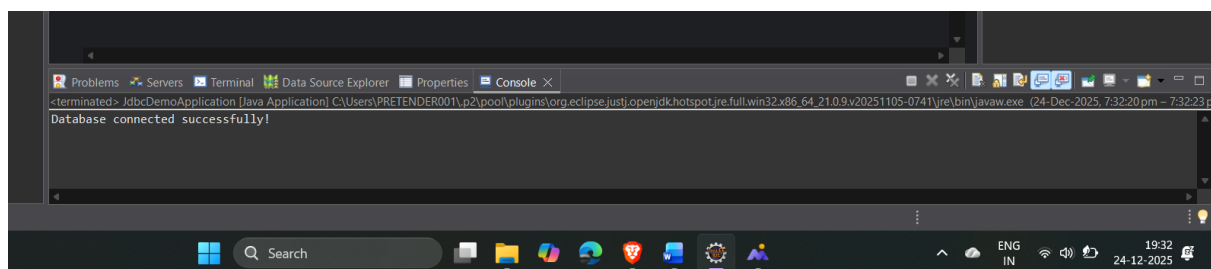
Copy mysql-connector-j



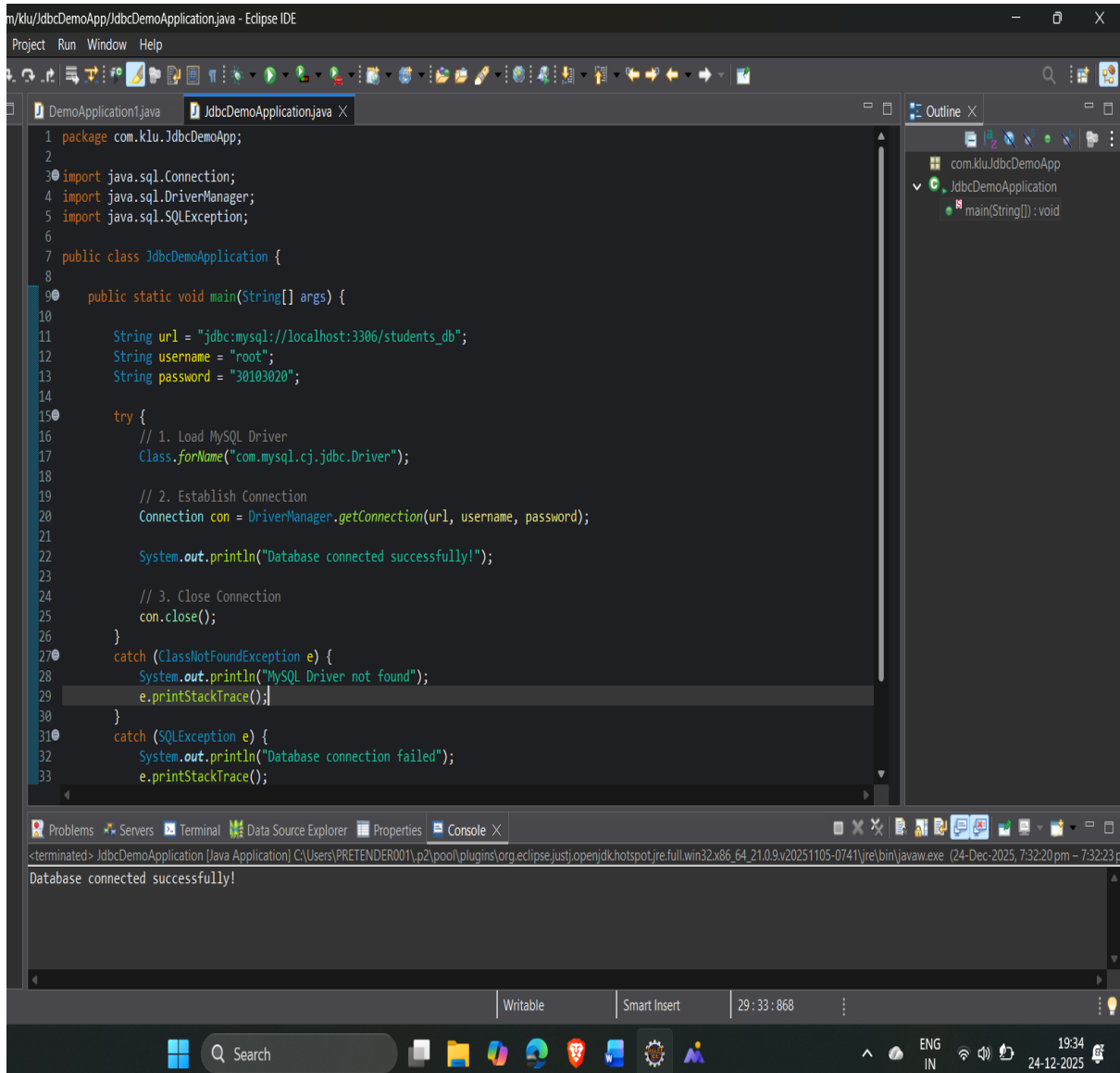
## Paste mysql-connector-j into lib



Right click on JdbcDemoApp and then run as 2 Java Application



You will get this as output



The screenshot displays the Eclipse IDE interface. The main editor window shows the file `JdbcDemoApplication.java` with the following code:

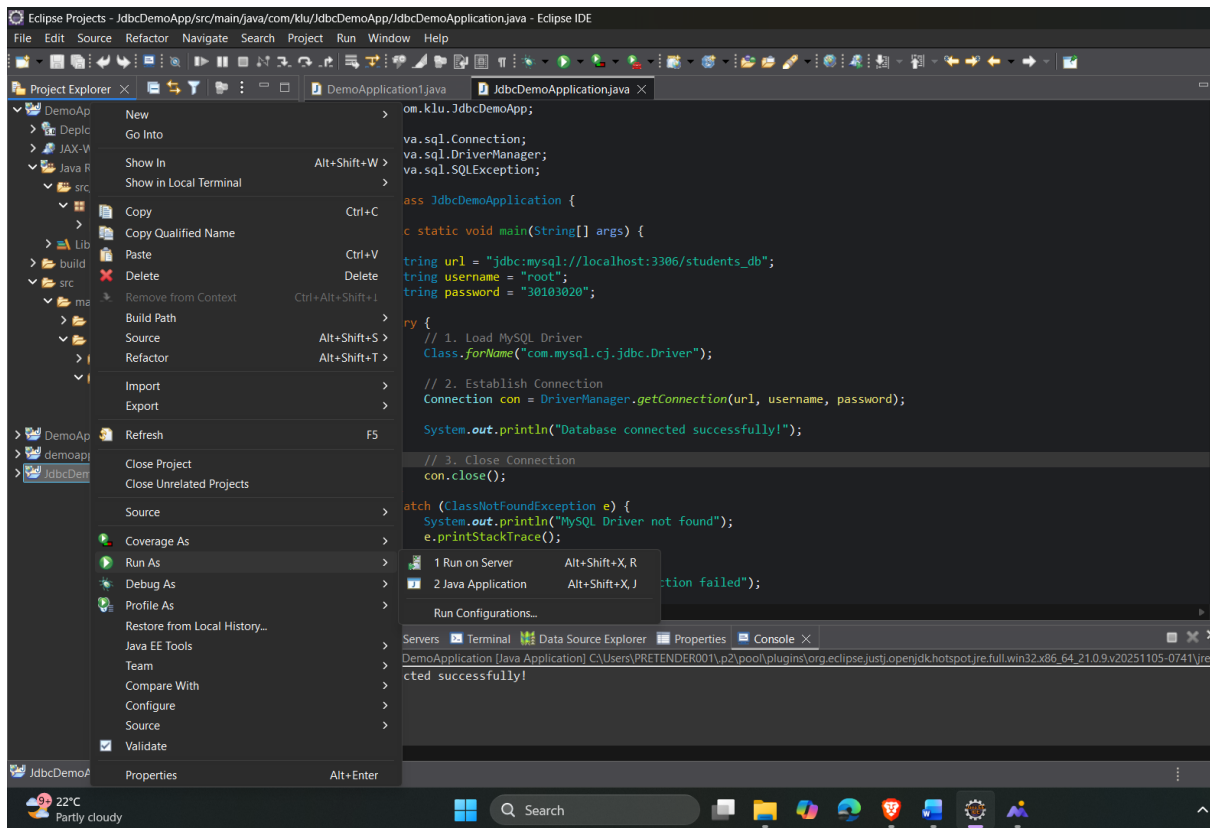
```
1 package com.klu.JdbcDemoApp;
2
3 import java.sql.Connection;
4 import java.sql.DriverManager;
5 import java.sql.SQLException;
6
7 public class JdbcDemoApplication {
8
9     public static void main(String[] args) {
10
11         String url = "jdbc:mysql://localhost:3306/students_db";
12         String username = "root";
13         String password = "30103020";
14
15         try {
16             // 1. Load MySQL Driver
17             Class.forName("com.mysql.cj.jdbc.Driver");
18
19             // 2. Establish Connection
20             Connection con = DriverManager.getConnection(url, username, password);
21
22             System.out.println("Database connected successfully!");
23
24             // 3. Close Connection
25             con.close();
26         }
27         catch (ClassNotFoundException e) {
28             System.out.println("MySQL Driver not found");
29             e.printStackTrace();
30         }
31         catch (SQLException e) {
32             System.out.println("Database connection failed");
33             e.printStackTrace();
34         }
35     }
36 }
```

The Outline view on the right shows the package structure: `com.klu.JdbcDemoApp` containing `JdbcDemoApplication` with a `main(String[]) : void` method.

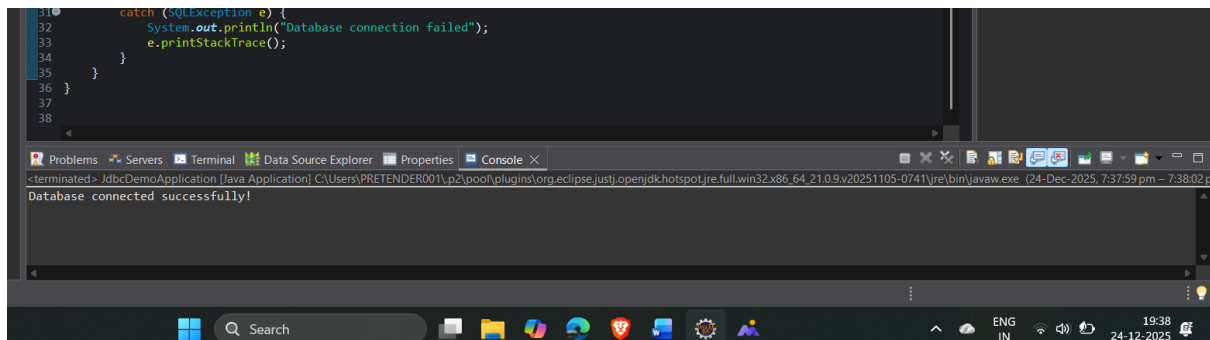
The Console view at the bottom shows the output of the program:

```
<terminated> JdbcDemoApplication [Java Application] C:\Users\PRETENDER001\p2\pool\plugins\org.eclipse.justi.openjdk hotspot.jre.full.win32.x86_64_21.0.9.v20251105-0741\jre\bin\javaw.exe (24-Dec-2025, 7:32:23 p
Database connected successfully!
```

You can also type this code in class  
JdbcDemoApplication



Again, right click on JdbcDemoApp and then run as 2 Java Application



Again, we will get the same output