

Title: 1. Maven Project to Connect with database.

Source Code:

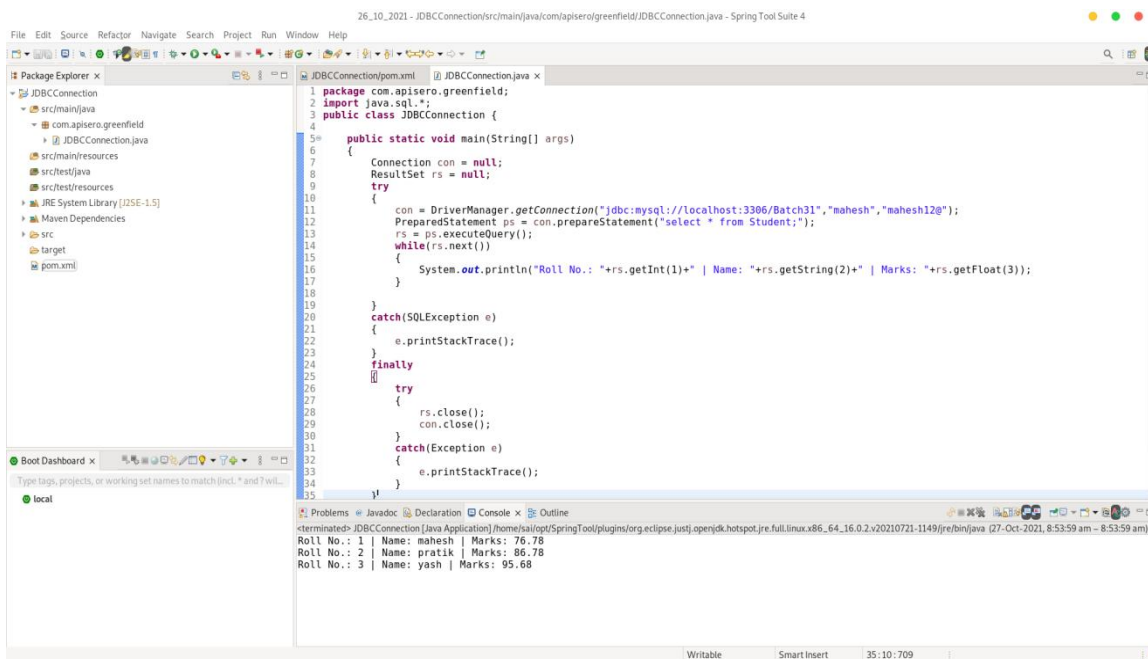
pom.xml

```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>com.apisero.greenfield</groupId>
  <artifactId>JDBCConnection</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <dependencies>
    <!-- https://mvnrepository.com/artifact/mysql/mysql-connector-java -->
    <dependency>
      <groupId>mysql</groupId>
      <artifactId>mysql-connector-java</artifactId>
      <version>8.0.26</version>
    </dependency>
  </dependencies>
</project>
```

JDBCConnection.java

```
package com.apisero.greenfield;
import java.sql.*;
public class JDBCConnection {
    public static void main(String[] args) {
        Connection con = null;
        ResultSet rs = null;
        try {
            con = DriverManager.getConnection("jdbc:mysql://localhost:3306/Batch31", "mahesh", "mahesh12@");
            PreparedStatement ps = con.prepareStatement("select * from Student;");
            rs = ps.executeQuery();
            while (rs.next()) {
                System.out.println(
                    "Roll No.: " + rs.getInt(1) + " | Name: " + rs.getString(2) + " | Marks: " + rs.getFloat(3));
            }
        } catch (SQLException e) {
            e.printStackTrace();
        } finally {
            try {
                rs.close();
                con.close();
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    }
}
```

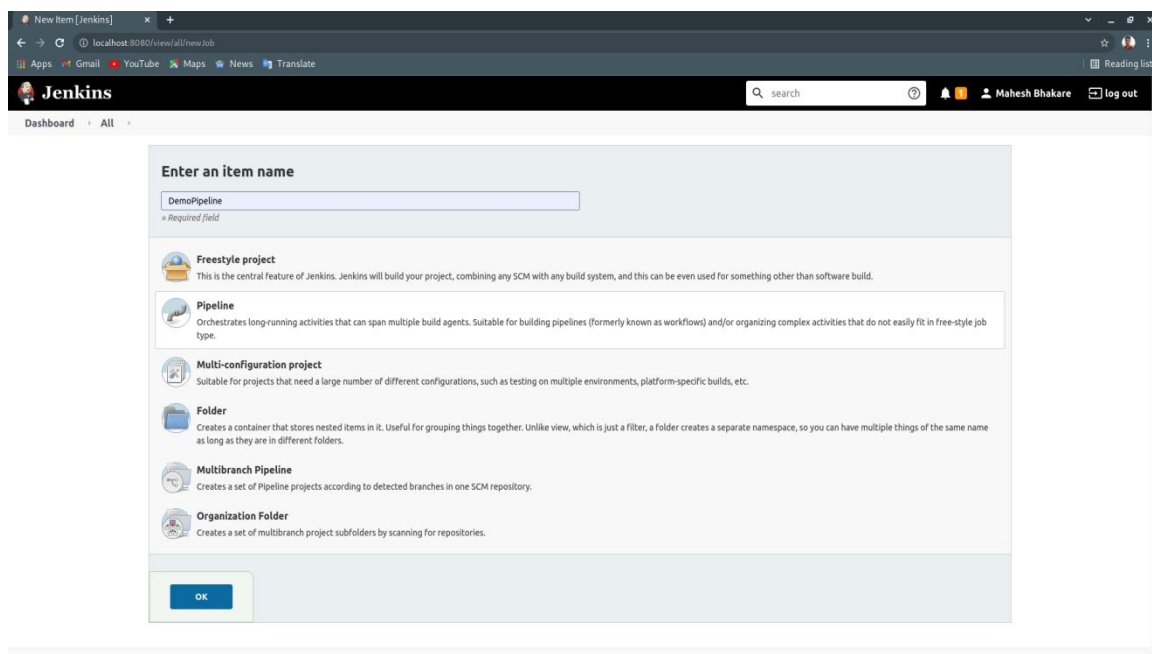
Output:



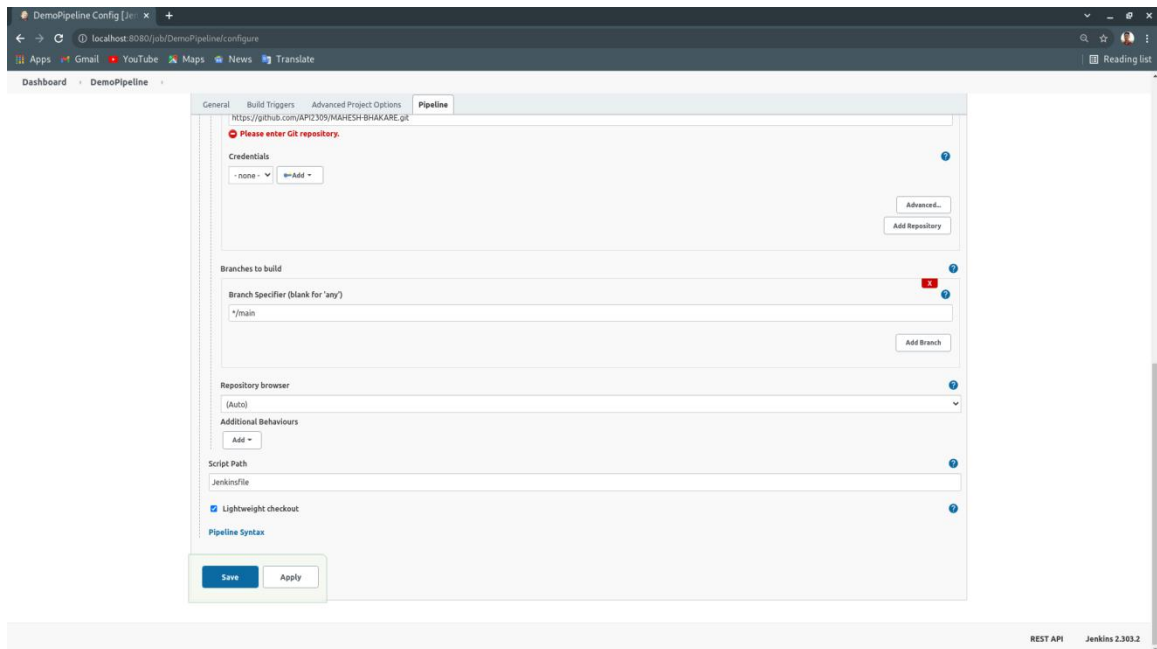
Title: 2. Use Jenkins tool to compile and run java application from Git Repo (Use Job and Pipeline).

Steps:

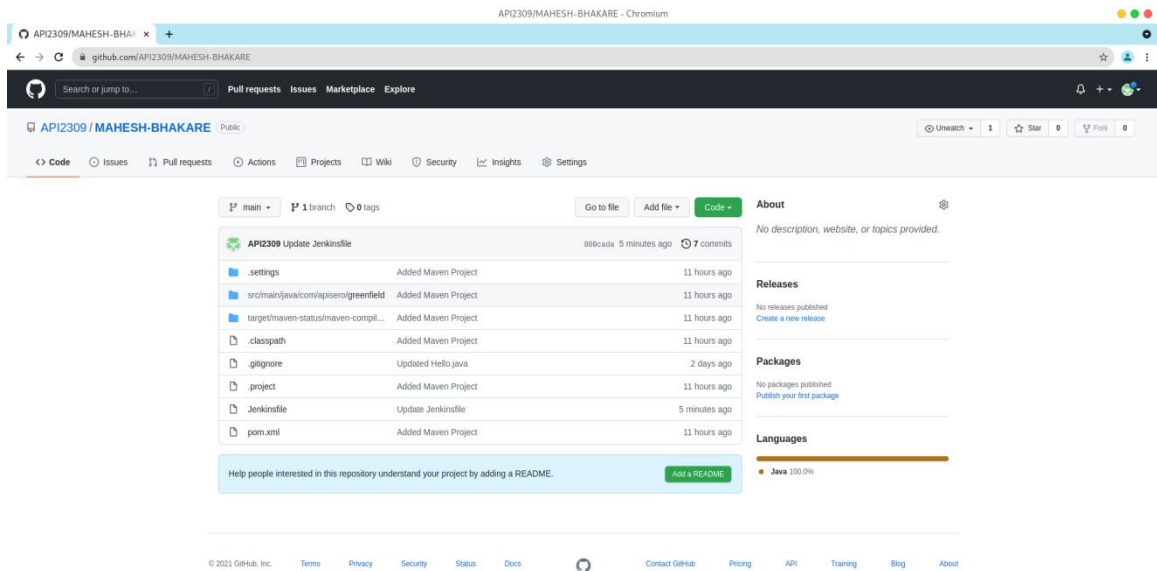
1. Create new Job using pipeline



2. Configuring the Job.



3. Git repository where maven project present.



4. Output after Build the project.

