### Assignment 2

Description: Create a Java project in Maven by typing in command prompt as mvn archetype:generate -DgroupId=demo.calculator -DartifactId=demo.calculator -DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false See that a Java project is created with name demo.calculator in your file system. Check the pom.xml file. Add the followings in pom.xml. cproperties> project.build.sourceEncoding> <maven.compiler.source>1.8</maven.compiler.source> <maven.compiler.target>1.8</maven.compiler.target> Modify the test dependency as follows <dependency> <groupId>junit <artifactId>junit</artifactId> <version>4.0</version> <scope>test</scope> </dependency> Create java application as Calculator. Again Maven build. Create Jar file

Run the application through Mavan.

Create Test code for the above application.

# Again Maven build.

### Run Test

#### Source Code:

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| Package E
             > 🛽 Calculator.java

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9 <l-- https
            config.properties

✓ ■ src/test/java

→ 

⊕ demo.calculator

             > 🛭 equalstest.java
        src/test/resources
        ■ JRE System Library [J2SE-1.5]
    > Maven Dependencies
> JUnit 4
    > 🍃 src
                                                                              properties>
         ≥ pom.xml
                                                                          > > helloworld_raghav
    <maven.compiler.source>1.8</maven.compiler.source>
                                                              24
25 <maven.compile
26
27 </properties>
28 </project>
                                                                            <maven.compiler.target>1.8</maven.compiler.target>
                                                             Overview Dependencies Dependency Hierarchy Effective POM pom.xml
                                                                                                                                                                                                                                                                      ¶ Problems @ Javadoc ☐ Dedaration ☐ Console ×
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edipse-workspace - demo.calculator/src/main/java/demo/calculator/Calculator.java - Edipse IDE
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    Package demo.calculator;
    Package demo.calculator;

                                                                 1 package demo.calculator;
 3 import java.util.ResourceBundle;

✓ 

Src/main/java

                                                              5 public class Calculator
6 {

→ 

⊕ demo.calculator

             > 🛽 Calculator.java
                                                                           public int Equals(String name1,String name2)
{
            config.properties
                                                                                    ResourceBundle rb=ResourceBundle.getBundle("config");

✓ ■ src/test/java

        String a=rb.getString("name1");
String b=rb.getString("name2");
             > 🛽 equalstest.iava

■ src/test/resources

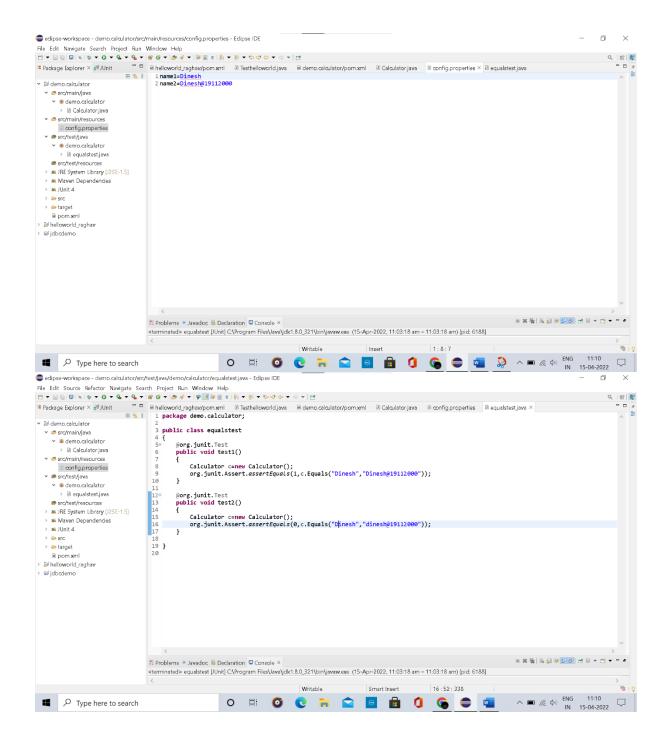
■ JRE System Library [J2SE-1.5]

                                                                                    if(name1.equals(a) && name2.equals(b))
    > Mayen Dependencies
> JUnit 4
                                                                                           System.out.println("True");
return 1;
     > 🥟 src
    > b target

pom.xml
                                                                                           System.out.println("False");
return 0;

⇒ helloworld_raghav

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# **OUTPUT:**

