**Lab Exercise: 2**

**Aim:** Create and install maven and do the following:

1. Create the Java project using Maven
2. Clean, compile and test your code
3. Create jar file for developed Java project.

**Java Code:** HelloWorld.java

package lab2;

public class HelloWorld

{

public String function1()

{

return "Nishkarsh Raj Is Awesome!!";

}

public static void main(String args[])

{

System.out.println("Hello!");

}

}

**Junit Test:**

package lab2;

import static org.junit.Assert.\*;

import org.junit.Test;

public class Test1 {

@Test

public void test() {

//fail("Not yet implemented");

}

}

**POM file:**

<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 http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>upesdevops</groupId>

<artifactId>lab2</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<!-- https://mvnrepository.com/artifact/junit/junit -->

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.12</version>

<scope>test</scope>

</dependency>

</dependencies>

<properties>

<maven.compiler.source> 9 </maven.compiler.source>

<maven.compiler.target> 9 </maven.compiler.target>

</properties>

</project>

