**Phase-3 Practice Project: Assisted Practice -**

**3.Write a program to demonstrate conditional test executions.**

**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</groupId>

<artifactId>junit-tests</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

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

<dependency>

<groupId>org.junit.jupiter</groupId>

<artifactId>junit-jupiter-engine</artifactId>

<version>5.9.3</version>

<scope>test</scope>

</dependency>

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

<dependency>

<groupId>org.junit.platform</groupId>

<artifactId>junit-platform-runner</artifactId>

<version>1.9.3</version>

<scope>test</scope>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.8.1</version>

<configuration>

<source>1.8</source>

<target>1.8</target>

</configuration>

</plugin>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-war-plugin</artifactId>

<version>3.3.1</version>

</plugin>

</plugins>

<finalName>JunitDemo</finalName>

</build>

</project>

**ConditionalTests.java:**

**package** com;

**import** **static** org.junit.jupiter.api.Assertions.\*;

**import** org.junit.jupiter.api.Test;

**import** org.junit.jupiter.api.condition.EnabledOnOs;

**import** org.junit.jupiter.api.condition.OS;

**class** ConditionalTests {

@Test

@EnabledOnOs({OS.***WINDOWS***})

**public** **void** runOnWindows() {

System.***out***.println("This runs on window");

}

@Test

@EnabledOnOs({OS.***LINUX***})

**public** **void** runOnLinux() {

System.***out***.println("This runs on Linux");

}

}

**OUTPUT:**



