CONDITIONAL TEST EXECUTIONS

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

<modelVersion>4.0.0</modelVersion>

<groupId>UsingJUnit</groupId>

<artifactId>UsingJUnit</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<dependency>

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

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

<version>5.4.2</version>

</dependency>

<dependency>

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

<artifactId>junit-platform-launcher</artifactId>

<version>1.2.0</version>

</dependency>

</dependencies>

</project>

Conditional tests –

package com.ecommerce.tests;

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

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

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

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

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

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

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

**import** org.junit.platform.runner.JUnitPlatform;

**import** org.junit.runner.RunWith;

@DisplayName("JUnit 5 Conditional Tests Example")

@RunWith(JUnitPlatform.class)

public class ConditionalTests {

@Test

@EnabledOnOs({OS.WINDOWS})

public void runOnWindows() {

System.out.println("This runs on Windows");

}

@Test

@EnabledOnOs({OS.LINUX})

public void runOnLinux() {

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

}

@Test

@DisabledIf("Math.random() < 0.314159")

void mightNotBeExecuted() {

System.out.println("This may or not execute ");

}

}