a)ConditionalTests.java

package com.ecommerce.tests;

import org.junit.jupiter.api.DisplayName;

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 ");

}

}

Output:

