Conditional Test Execution

Step 1: Configuring pom.xml to add JUnit5 dependencies

```
<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>
```

Step 2: Creating a JUnit class ConditionalTests

```
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 ");
	}
}
```