6 Write a program to demonstrate a dependency injection.

. pom.xml

```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>
```

DependancyInjection.java

```java
package com.ecommerce.tests;

import static org.junit.jupiter.api.Assertions.assertEquals;
import static org.junit.jupiter.api.Assertions.assertTrue;
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 Dependency Injection Example")
@RunWith(JUnitPlatform.class)
public class DependencyInjection {
```

```java
DependencyInjection(TestInfo testInfo) {
  assertEquals("JUnit 5 Dependency Injection Example",
testInfo.getDisplayName());
 }

 @BeforeEach
 void init(TestInfo testInfo) {
 String displayName = testInfo.getDisplayName();
 assertTrue(displayName.equals("TEST 1") ||
 displayName.equals("test2()"));
 }

 @Test
 @DisplayName("TEST 1")
 @Tag("my-tag")
 void test1(TestInfo testInfo) {
 assertEquals("TEST 1", testInfo.getDisplayName());
 assertTrue(testInfo.getTags().contains("my-tag"));
 }

 @Test
 void test2() {
 }
}
```