**Write a program to demonstrate a dependency injection.**

<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>

**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 {

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() {

}

}