**JUnit5: Standard Tests**

**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>

StandardTestClass:

**package** com.ecommerce.tests;

**import** **static** org.junit.jupiter.api.Assertions.fail;

**import** **static** org.junit.jupiter.api.Assumptions.assumeTrue;

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

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

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

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

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

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

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

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

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

**@DisplayName("JUnit 5 Standard Test Class Example")**

**@RunWith(JUnitPlatform.class)**

**public** **class** StandardTestClass {

**@BeforeAll**

**static** void initAll() {

**System**.out.println("initAll()");

}

**@BeforeEach**

void init() {

**System**.out.println("init()");

}

**@Test**

void succeedingTest() {

**System**.out.println("succeedingTest()");

}

**@Test**

void failingTest() {

**System**.out.println("failingTest()");

fail("a failing test");

}

**@Test**

**@Disabled("for demonstration purposes")**

void skippedTest() {

// not executed

}

**@Test**

void abortedTest() {

**System**.out.println("abortedTest()");

assumeTrue("abc".contains("Z"));

fail("test should have been aborted");

}

**@AfterEach**

void tearDown() {

**System**.out.println("tearDown()");

}

**@AfterAll**

**static** void tearDownAll() {

**System**.out.println("tearDownAll()");

}

}