**Practice project assisted**

**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.java**

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()");

}

}