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;

@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()");

    }

}

<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 https://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>