package com.ecommerce.tests;

import java.util.Arrays;

import java.util.Collection;

import java.util.List;

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.jupiter.api.function.Executable;

import org.junit.platform.runner.JUnitPlatform;

import org.junit.runner.RunWith;

import org.junit.jupiter.api.DynamicTest.\*;

import org.junit.jupiter.api.TestFactory;

@DisplayName("JUnit 5 Dynamic Tests Example")

@RunWith(JUnitPlatform.class)

public class DynamicTests {

        @TestFactory

    Collection<DynamicTest> dynamicTests() {

        return Arrays.asList(

            dynamicTest("simple dynamic test", () *->* assertTrue(true)),

            dynamicTest("My Executable Class", new MyExecutable()),

            dynamicTest("Exception Executable", () *->* {throw new Exception("Exception Example");}),

            dynamicTest("simple dynamic test-2", () *->* assertTrue(true))

        );

    }

}

class MyExecutable implements Executable {

        @*Override*

        public *void* execute() throws Throwable {

                System.out.println("Hello World!");

        }

}

<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>