SOURCE CODE

Calculator.java

```java
package com.ecommerce.tests;

public class Calculator
{
    public int add(int a, int b) {
        return a + b;
    }
}
```

NestedCases

```java
package com.ecommerce.tests;

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 Conditional Tests Example")
@RunWith(JUnitPlatform.class)
public class ConditionalTests {

    @Test
    //@EnabledOnOs({OS.WINDOWS})
    public void runOnWindows() {
        System.out.println("This runs on Windows");
    }

    @Test
    // @EnabledOnOs({OS.LINUX})
    public void runOnLinux() {
        System.out.println("This runs on Linux");
    }


    @Test
    //@DisabledIf("Math.random() < 0.314159")
    void mightNotBeExecuted() {
        System.out.println("This may or not execute ");
    }
}
```

RepeatedTests

```java
package com.ecommerce.tests;

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.platform.runner.JUnitPlatform;
import org.junit.runner.RunWith;
import static org.junit.jupiter.api.Assertions.assertEquals;

@DisplayName("JUnit 5 Repeated Tests Example")
@RunWith(JUnitPlatform.class)
public class RepeatedTests {
        @BeforeAll
        public static void init(){
            System.out.println("Before All init() method called");
        }

        @BeforeEach
        public void initEach(){
            System.out.println("Before Each initEach() method called");
        }

        @Test
        @DisplayName("Add operation test")
        @RepeatedTest(5)
        void addNumber(TestInfo testInfo) {
            Calculator calculator = new Calculator();
            Assertions.assertEquals(2, calculator.add(1, 1), "1 + 1
should equal 2");
            System.out.println("===addNumber testcase executed===");
        }

        @AfterEach
        public void cleanUpEach(){
            System.out.println("After Each cleanUpEach() method
called");
        }

        @AfterAll
        public static void cleanUp(){
            System.out.println("After All cleanUp() method called");
        }
}
```