package com.app.junitDemo;

import org.junit.jupiter.api.Assertions;

import org.junit.jupiter.params.ParameterizedTest;

import org.junit.jupiter.params.provider.EmptySource;

import org.junit.jupiter.params.provider.NullAndEmptySource;

import org.junit.jupiter.params.provider.NullSource;

import org.junit.jupiter.params.provider.ValueSource;

import org.junit.platform.commons.util.StringUtils;

public class ParametrizedDemoValueSource {

//@ValueSource : this annotation will store multiple input values of different datatypes

// String, integer, boolean

// @ValueSource is a provider of test data

// @Test annotation cannot pass parameter values of the method

// we will use @ParameterizedTest

// it needs a source of values -> ValueSource

// @ParameterizedTest will create a new test for every test data

// every test will have a unique name

@ParameterizedTest(name = "checkblanks {arguments}")

@ValueSource(strings = {"abc","xyz",""})

@EmptySource

public void checkblanks(String value)

{

Assertions.assertTrue(StringUtils.isBlank(value)); // input is null or not

System.out.println(value);

}

@ParameterizedTest(name = "null source")

@NullSource

public void checkblanks2(String value)

{

Assertions.assertTrue(StringUtils.isBlank(value)); // input is null or not

System.out.println(value);

}

@ParameterizedTest(name = "null and Empty source")

@NullAndEmptySource

public void checkblanks3(String value)

{

Assertions.assertTrue(StringUtils.isBlank(value)); // input is null or not

}

@ParameterizedTest(name = "{index} - Run test with arguments = {0}")

@ValueSource(ints = {11,12,13,4,5})

public void valueSourcedemo(int args)

{

System.out.println("The integer value is " + args);

}

}