Parameterized Test:   
So we use parameterized test to run the same test over and over again using different values.  
So, actually we are passing the values statically to the test case so the test cases will be executed by taking that value and it will be verifying the outcome  
  
Why is it required?  
So, lets assume that we have a login form and we want to check whether it is working correctly or not. So we will be passing 4-5 set of values where we will be passing correct as well as incorrect inputs

So, everytime running the test case and providing the single in input is too tedious right ? So instead of it we can gather the date into a bunch of data sets and pass it as a parameter to the particular test case and verify the result.

Use junit params dependency

public class ParameterizedTest {

@org.junit.jupiter.params.ParameterizedTest(name = "{index}- Run test with agrs = {0}")

@ValueSource(ints = {1,3,5,7})

public void parameterizedTest(int args) {

System.out.println(args);

}

@org.junit.jupiter.params.ParameterizedTest

@ValueSource(strings = {"Apples", "Bananas", "Oranges"})

public void parameterizedTest1(String fruits) {

System.out.println(fruits);

}

}