Aim: To   demonstrate how parameterized tests are created in JUnit.

Code

package com.app.junit;

import org.junit.jupiter.params.ParameterizedTest;

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

public class parameteristedEnum {

enum Values{

Selenium, Jmeter, Junit // values of type Enum

}

@ParameterizedTest(name = "Enum Value {arguments}")

@EnumSource(Values.class)

public void passvaluesEnumSource(Object value)

{

// Returns a string representation of the object

System.out.println(value.toString());

}

}

Code

package com.app.junit;

import java.util.stream.Stream;

import org.junit.jupiter.params.ParameterizedTest;

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

public class ParametersMethod {

// argument = each value stored in method or enum class or value source

@ParameterizedTest(name = "Method value {arguments}") // this will execute the method

@MethodSource("stringParameters") // this will give the input

public void getdatafromMethod(String input)

{

System.out.println("The value from method is: " + input);

}

// This method will pass a range of values

public static Stream<String> stringParameters()

{

return Stream.of("Monday","tuesday","Wednesday");

}

}

OUTPUT:

