AIM: To perform the default methods in junit

CODE:

Code for the TestFactory

package com.app.junit;

import java.util.stream.Stream;

import org.junit.jupiter.api.Assertions;

import org.junit.jupiter.api.DynamicTest;

import org.junit.jupiter.api.TestFactory;

public class DynamicTests2 {

@TestFactory

public Stream<DynamicTest> dynamicTestsforPalindrome() // here DynamicTest is class generating testcase at runtime

{

return Stream.of("pop","mom","dad","madam").map(inputText ->

DynamicTest.dynamicTest(inputText,

() -> Assertions.assertTrue(MyUtils.isPalindrome(inputText)))

);

}

}

Code For the Repeated test Cases in JUnit

package com.app.junit;

import org.junit.jupiter.api.Assumptions;

import org.junit.jupiter.api.DisplayName;

import org.junit.jupiter.api.RepeatedTest;

import org.junit.jupiter.api.Test;

public class RepeatedTestDemo {

// we will not use @Test annotation

@RepeatedTest(3)

// execute this test 3 times

@DisplayName("repeatedtests")

public void repeatmessage()

{

System.out.println("We are learning Junit");

}

@Test

public void AssumptionsDemo()

{

// i want to run the test case sonly and only if my DB server is Up and running

boolean isDBServerUp = true;

Assumptions.assumeTrue(isDBServerUp,"server is not Up");

System.out.println("Create tables and inster data");

}

}

OUTPUT:

