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DAY 6

1.package com.day8;

import org.testng.annotations.Test;

import org.testng.annotations.DataProvider;

public class CE1 {

@Test(dataProvider = "dp")

public void add(Integer n, Integer m) {

System.out.println(n+m);

}

@Test(dataProvider = "dp")

public void sub(Integer n, Integer m) {

System.out.println(n-m);

}

@Test(dataProvider = "dp")

public void mul(Integer n, Integer m) {

System.out.println(n\*m);

}

@Test(dataProvider = "dp")

public void div(Integer n, Integer m) {

System.out.println(n\*m);

}

@DataProvider

public Object[][] dp() {

return new Object[][] {

new Object[] { 1, 6 },

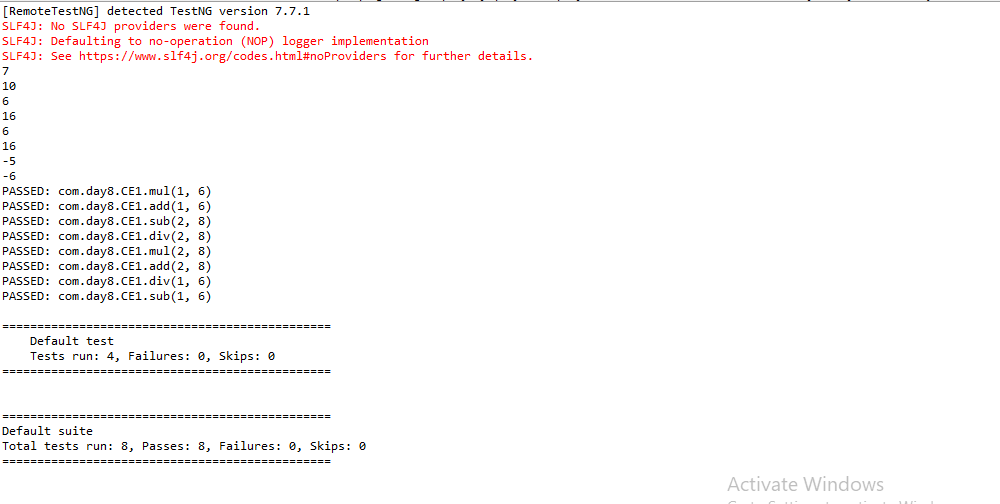
new Object[] { 2, 8 },

};

}

}

OUTPUT:



2 and 3.

package com.day8;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

import org.testng.annotations.BeforeMethod;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.testng.Assert;

import org.testng.annotations.AfterMethod;

public class CE2 {

WebDriver d;

@Test

public void T1() {

String etitle="Domain Names, Websites, Hosting & Online Marketing Tools - GoDaddy IN";

String atitle=d.getTitle();

Assert.assertEquals(etitle, atitle);

String curl="https://www.godaddy.com/en-in";

String url=d.getCurrentUrl();

Assert.assertEquals(curl,url);

}

@Test

public void T2() throws InterruptedException {

Thread.sleep(3000);

//Timeouts implicitlyWait = d.manage().timeouts().implicitlyWait(10000, TimeUnit.SECONDS);

WebElement fame=d.findElement(By.xpath("//\*[@id=\"id-631b049a-e9c0-4d24-8710-c504745206dd\"]/div[2]/div[1]/ul/li[1]/button"));

fame.click();

Thread.sleep(2000);

WebElement lame=d.findElement(By.xpath("//\*[@id=\"id-631b049a-e9c0-4d24-8710-c504745206dd\"]/div[2]/div[1]/ul/li[1]/div/div[2]/div[1]/ul/li[2]/a"));

lame.click();

}

@Test

public void Test3() throws InterruptedException {

d.get("https://www.godaddy.com/");

d.manage().window().maximize();

Thread.sleep(3000);

d.findElement(By.xpath("//\*[@id=\"id-631b049a-e9c0-4d24-8710-c504745206dd\"]/div[2]/div[1]/ul/li[1]")).click();

Thread.sleep(3000);

d.findElement(By.xpath("//\*[@id=\"id-631b049a-e9c0-4d24-8710-c504745206dd\"]/div[2]/div[1]/ul/li[1]/div/div[2]/div[1]/ul/li[2]/a")).click();

String txt=d.getTitle();

System.out.println(txt);

}

@BeforeMethod

public void beforeClass() throws InterruptedException {

ChromeOptions co=new ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

WebDriverManager.chromedriver().setup();

d=new ChromeDriver();

d.get(null);

d.manage().window().maximize();

Thread.sleep(3000);

}

@AfterMethod

public void afterClass() {

d.close();

}

}

TeastNG.xml:

<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">

<suite name="Suite" parallel="methods">

<!--<listeners>

<listener class-name="com.day8.Listener"></listener>

</listeners> -->

<test thread-count="5" name="Test">

<classes>

<!--<class name="com.Day7.CE5"/>

<class name="com.Day7.CE4"/>

<class name="com.Day7.CE3"/>

<class name="com.Day7.CE2"/>

<class name="com.day8.CE1"/>-->

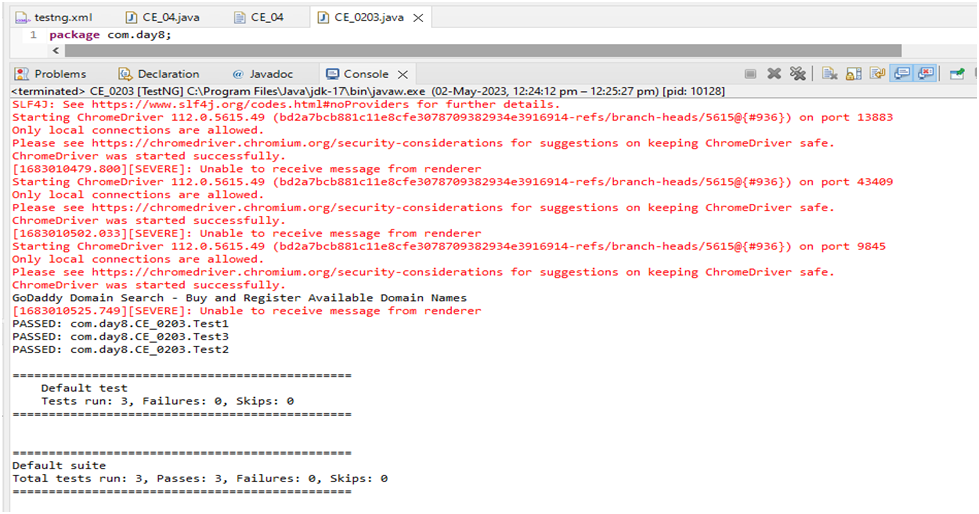
<class name="com.day8.CE2"/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->

OP:



4.package com.day8;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.openqa.selenium.edge.EdgeDriver;

import org.testng.Assert;

import org.testng.annotations.AfterMethod;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Parameters;

public class CE4 {

WebDriver d;

@Test()

public void login() throws InterruptedException {

WebElement name=d.findElement(By.name("username"));

name.click();

name.sendKeys("Admin");

WebElement pwd=d.findElement(By.name("password"));

pwd.sendKeys("admin123");

d.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[3]/button")).click();

Thread.sleep(4000);

String tname=d.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div[1]/header/div[1]/div[1]/span/h6")).getText();

Assert.assertEquals(tname, "Dashboard");

}

@Test(dependsOnMethods="login")

public void logout() throws InterruptedException {

WebElement fame=d.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div[1]/header/div[1]/div[2]/ul/li"));

fame.click();

WebElement lame=d.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div[1]/header/div[1]/div[2]/ul/li/ul/li[4]/a"));

lame.click();

Thread.sleep(3000);

String fin=d.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[1]/div/div[1]/label")).getText();

Assert.assertEquals(fin,"Username");

}

@Parameters({"browser"})

@BeforeMethod

public void beforeMethod(String browser1) throws InterruptedException

{

if(browser1.equals("chrome"))

{

ChromeOptions co=new ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

WebDriverManager.chromedriver().setup();

d=new ChromeDriver();

d.get(null);

d.manage().window().maximize();

Thread.sleep(3000);

}

else if(browser1.equals("edge"))

{

//ChromeOptions co=new ChromeOptions();

//co.addArguments("--remote-allow-origins=\*");

WebDriverManager.edgedriver().setup();

d=new EdgeDriver();

d.get(null);

d.manage().window().maximize();

Thread.sleep(3000);

}

}

@AfterMethod

public void afterMethod() {

d.close();

}

}

CE4.XML

<?xml version="1.0" encoding="UTF-8"?>

<suite parallel="methods" name="Suite">

<test name="Test">

<parameter name="browser" value="edge"></parameter>

<classes>

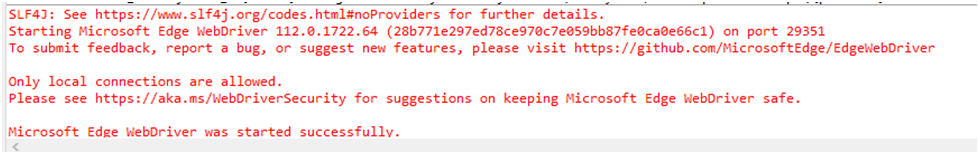
<class name="com.day8.CE4"/>

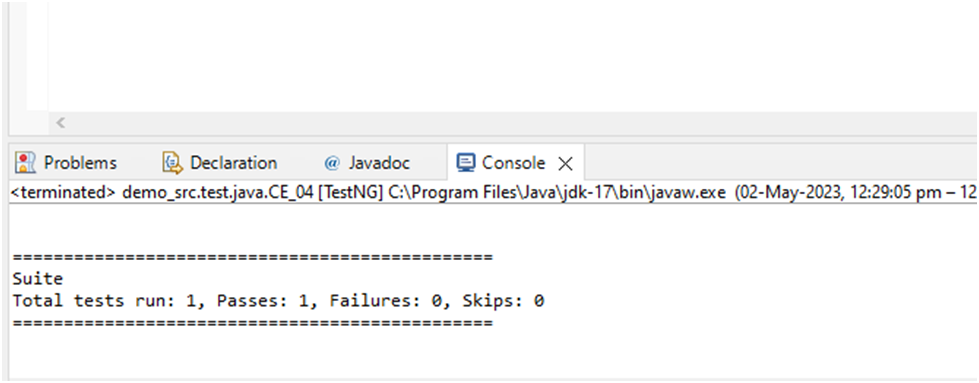
</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->

OP:





5.**package** com.day8;

**import** org.testng.annotations.Test;

**import** io.github.bonigarcia.wdm.WebDriverManager;

**import** org.testng.annotations.BeforeMethod;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.chrome.ChromeOptions;

**import** org.testng.Assert;

**import** org.testng.annotations.AfterMethod;

**public** **class** CE5 {

WebDriver d;

@Test

**public** **void** test() **throws** InterruptedException {

Thread.*sleep*(4000);

WebElement name=d.findElement(By.*name*("username"));

name.sendKeys("Suvitha");

WebElement pwd=d.findElement(By.*name*("password"));

pwd.sendKeys("12345");

d.findElement(By.*xpath*("//\*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[3]/button")).click();

Thread.*sleep*(4000);

String tname=d.findElement(By.*xpath*("//\*[@id=\"app\"]/div[1]/div[1]/header/div[1]/div[1]/span/h6")).getText();

Assert.*assertEquals*(tname, "Dashboard");

}

@BeforeMethod

**public** **void** beforeMethod() {

WebDriverManager.*chromedriver*().setup();

ChromeOptions co=**new** ChromeOptions();

co.addArguments("--remote-allow-origins=\*");

d=**new** ChromeDriver();

d.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");

d.manage().window().maximize();

}

@AfterMethod

**public** **void** afterMethod() {

d.close();

}

}

Listener:

**package** com.day8;

**import** org.testng.ITestContext;

**import** org.testng.ITestListener;

**import** org.testng.ITestResult;

**public** **class** listener **implements** ITestListener{

**public** **void** onTestStart(ITestResult result) {

// **TODO** Auto-generated method stub

System.***out***.print("test start"+result.getTestName());

}

**public** **void** onTestSuccess(ITestResult result) {

// **TODO** Auto-generated method stub

System.***out***.print("test start"+result.getTestName());

}

**public** **void** onTestFailure(ITestResult result) {

// **TODO** Auto-generated method stub

System.***out***.print("test start"+result.getTestName());

}

**public** **void** onTestSkipped(ITestResult result) {

// **TODO** Auto-generated method stub

System.***out***.print("test start"+result.getTestName());

}

**public** **void** onTestFailedButWithinSuccessPercentage(ITestResult result) {

// **TODO** Auto-generated method stub

System.***out***.print("test start"+result.getTestName());

}

**public** **void** onTestFailedWithTimeout(ITestResult result) {

// **TODO** Auto-generated method stub

System.***out***.print("test start"+result.getTestName());

}

**public** **void** onStart(ITestContext context) {

// **TODO** Auto-generated method stub

System.***out***.print("test start"+context);

}

**public** **void** onFinish(ITestContext context) {

// **TODO** Auto-generated method stub

System.***out***.print("test start"+context);

}

}

TestNG.xml:

<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">

<suite name="Suite" parallel="methods">

<listeners>

<listener class-name="com.day8.Listener"></listener>

</listeners>

<test thread-count="5" name="Test">

<classes>

<!--<class name="com.Day7.CE5"/>

<class name="com.Day7.CE4"/>

<class name="com.Day7.CE3"/>

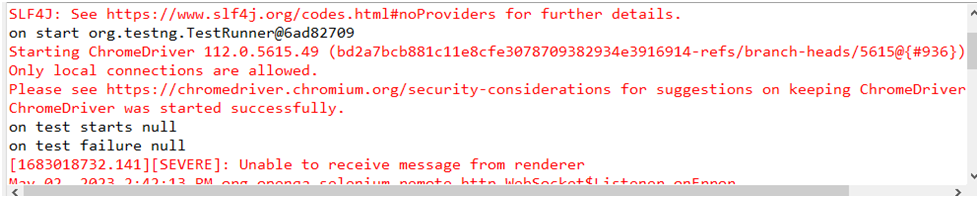
<class name="com.Day7.CE2"/>

<class name="com.day8.CE1"/>-->

<class name="com.day8.CE5"/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->

