**DAY 9**

ClassExercise\_01:

Code:

package com.day8;

import org.testng.annotations.Test;

import org.testng.annotations.DataProvider;

public class CE\_01 {

@Test(dataProvider = "dp",priority=2)

public void add(Integer n1,Integer n2) {

System.out.println("add="+(n1+n2));

}

@Test(dataProvider = "dp",priority=1)

public void sub(Integer n1,Integer n2) {

System.out.println("sub="+(n1-n2));

}

@Test(dataProvider = "dp",priority=3)

public void multiply(Integer n1,Integer n2) {

System.out.println("prod="+(n1\*n2));

}

@Test(dataProvider = "dp",priority=4)

public void divide(Integer n1,Integer n2) {

System.out.println("div="+(n1/n2));

}

@DataProvider

public Object[][] dp() {

return new Object[][] {

new Object[] { 20,10},

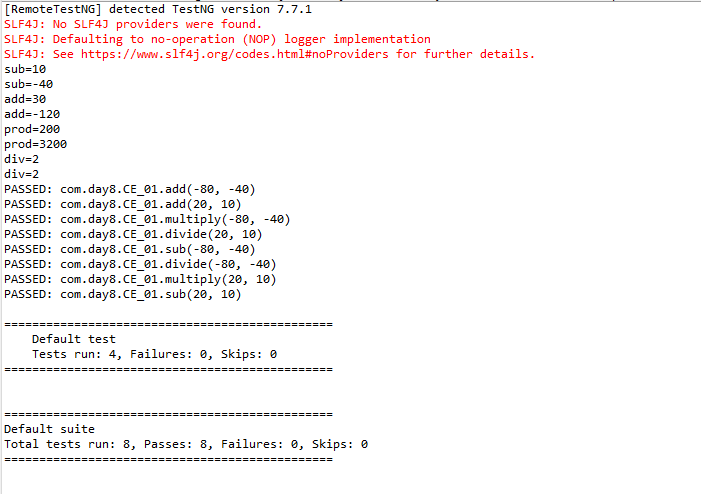
new Object[] { -80, -40 },

};

}

}

Output:



ClassExercise\_02 && ClassExercise\_03:

Code:

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.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.testng.Assert;

import org.testng.annotations.AfterMethod;

public class CE\_0203 {

WebDriver d;

@Test

public void Test1() {

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

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

String title=d.getTitle();

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

Assert.assertEquals(atitle, title);

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

String eurl=d.getCurrentUrl();

Assert.assertEquals(url, eurl);

}

@Test

public void Test2() throws InterruptedException {

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

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

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();

Thread.sleep(3000);

}

@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 beforeMethod() {

ChromeOptions co=new ChromeOptions();

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

WebDriverManager.chromedriver().setup();

d=new ChromeDriver();

}

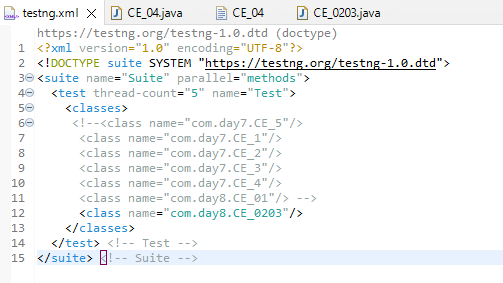
@AfterMethod

public void afterMethod() {

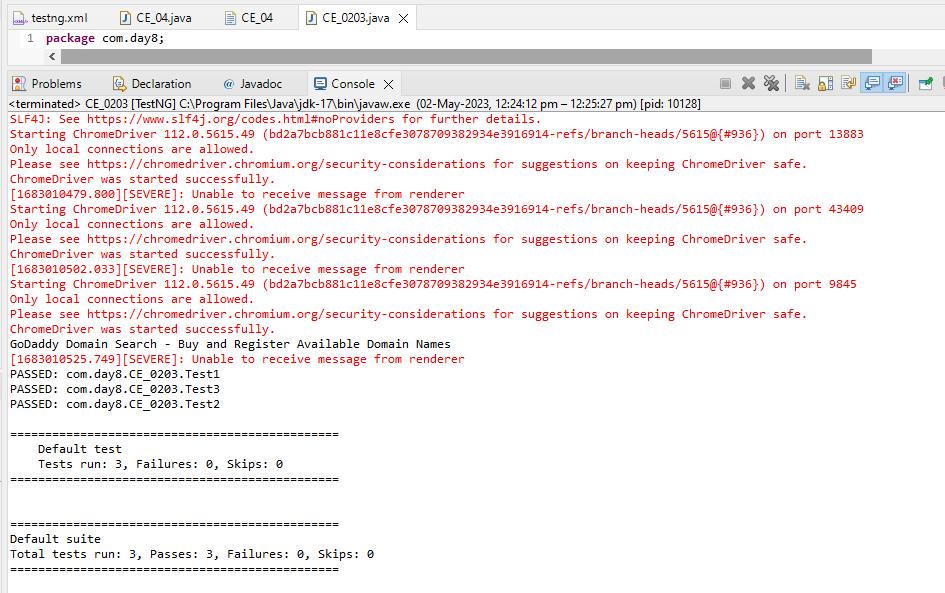
d.close();

}

}



Output:



ClassExercise\_04:

Code:

**package** com.day8;

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

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

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

**import** org.testng.annotations.Parameters;

**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;

**public** **class** CE\_04 {

WebDriver d;

@Test

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

Thread.*sleep*(4000);

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

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");

}

@Parameters({"browser"})

@BeforeMethod

**public** **void** beforeMethod(String browser1) {

**if**(browser1.equals("chrome")) {

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();

}

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

WebDriverManager.*edgedriver*().setup();

d=**new** EdgeDriver();

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

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

}

}

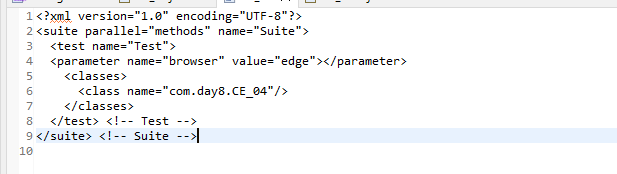
@AfterMethod

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

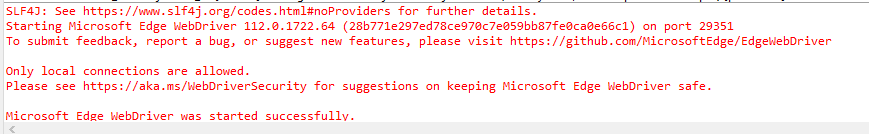
d.close();

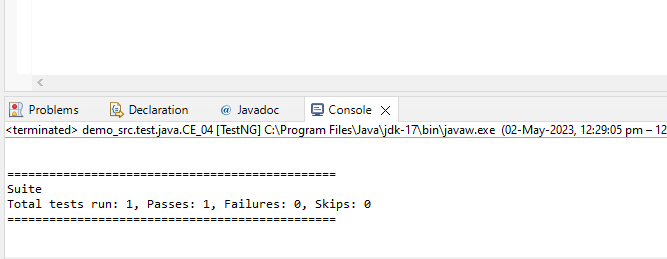
}

}



Output:





ClassExercise\_05:

Code:

**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** CE\_05 {

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.java**

**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***.println("on test starts "+result.getTestName());

}

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

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

System.***out***.println("on test success "+result.getTestName());

}

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

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

System.***out***.println("on test failure "+result.getTestName());

}

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

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

System.***out***.println("on test skipped "+result.getTestName());

}

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

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

System.***out***.println("on test FailedButWithinSuccessPercentage "+result.getTestName());

}

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

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

System.***out***.println("on test failed with timeout "+result.getTestName());

}

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

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

System.***out***.println("on start "+context);

}

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

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

System.***out***.println("on finish "+context);

}

}

Output:

