Selenium Day 9 TestNGListeners

Task 1:

Code:

package com.selenium.test1.selenium2;

import org.testng.annotations.Test;

import org.testng.annotations.DataProvider;

public class D9\_1 {

*@Test*(dataProvider = "dp")

public void add(Integer n, Integer n1) {

System.***out***.println(n+n1);

}

*@Test*(dataProvider = "dp")

public void sub(Integer n, Integer n1) {

System.***out***.println(n-n1);

}

*@Test*(dataProvider = "dp")

public void mul(Integer n, Integer n1) {

System.***out***.println(n\*n1);

}

*@Test*(dataProvider = "dp")

public void div(Integer n, Integer n1) {

System.***out***.println(n/n1);

}

*@DataProvider*

public Object[][] dp() {

return new Object[][] {

new Object[] {10,2},

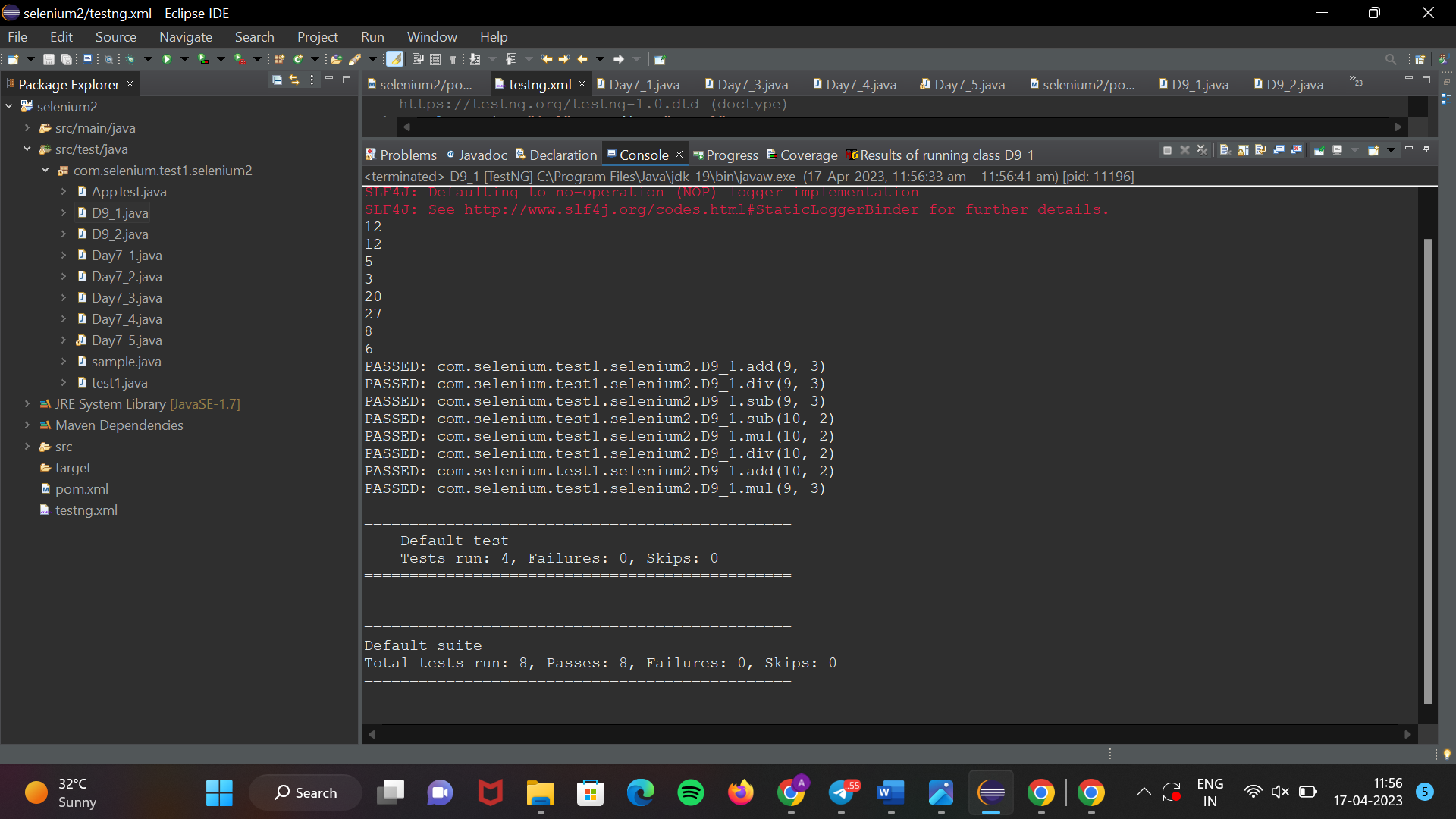
new Object[] {9,3},

};

}

}

Output:



Task 2&3:

Code:

package com.selenium.test1.selenium2;

import java.util.concurrent.TimeUnit;

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.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class D9\_2and3 {

@Test

public void f() {

WebDriverManager.chromedriver().setup();

WebDriver driver;

ChromeOptions co = new ChromeOptions();

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

driver=new ChromeDriver(co);

driver.get("https://www.godaddy.com/en-in");

driver.manage().window().maximize();

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

String extractedTitle=driver.getTitle();

Assert.assertEquals(actualTitle, extractedTitle);

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

String extractedURL=driver.getCurrentUrl();

Assert.assertEquals(actualURL, extractedURL);

System.out.println("Hello");

//driver.quit();

//driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);

}

@Test

public void f1() {

WebDriverManager.chromedriver().setup();

WebDriver driver;

ChromeOptions co = new ChromeOptions();

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

driver=new ChromeDriver(co);

driver.get("https://www.godaddy.com/en-in");

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);

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

driver.findElement(By.linkText("Domain Name Search")).click();

//driver.quit();

}

}

Xml:

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

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

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

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

<classes>

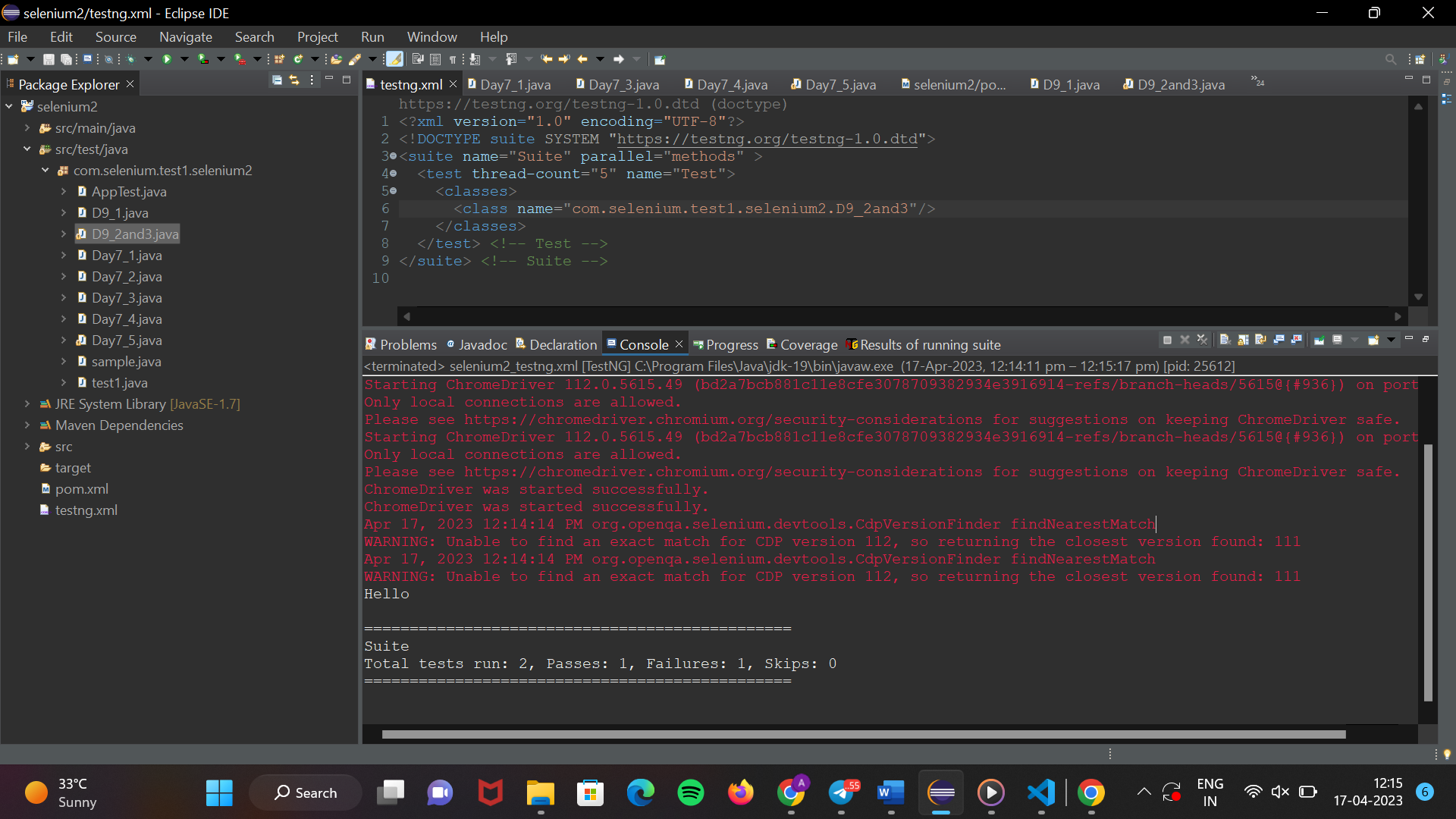
<class name="com.selenium.test1.selenium2.D9\_2and3"/>

</classes>

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

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

Output:



TASK-4:

Code:

package com.selenium.test1.selenium2;

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.annotations.AfterMethod;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Parameters;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class D9\_4 {

WebDriver driver;

*@Test*

public void f() throws Exception {

Thread.*sleep*(3000);

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

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

WebElement submit=driver.findElement(By.*xpath*("//\*[@class='oxd-button oxd-button--medium oxd-button--main orangehrm-login-button']"));

uname.sendKeys("Admin");

pwd.sendKeys("admin123");

submit.click();

}

*@Parameters*("browser")

*@BeforeMethod*()

public void beforeMethod(String browser1) {

if(browser1.equals("chrome"))

{

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

ChromeOptions co = new ChromeOptions();

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

driver=new ChromeDriver(co);

driver.manage().window().maximize();

String url="https://opensource-demo.orangehrmlive.com/web/index.php/auth/login";

driver.get(url);

driver.manage().window().maximize();

}

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

{

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

//FirefoxOptions co = new FirefoxOptions();

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

driver=new EdgeDriver();

driver.manage().window().maximize();

String url="https://opensource-demo.orangehrmlive.com/web/index.php/auth/login";

driver.get(url);

driver.manage().window().maximize();

}

}

*@AfterMethod*

public void afterMethod() {

driver.close();

}

}

testing.xml:

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

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

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

<test name="Test">

<classes>

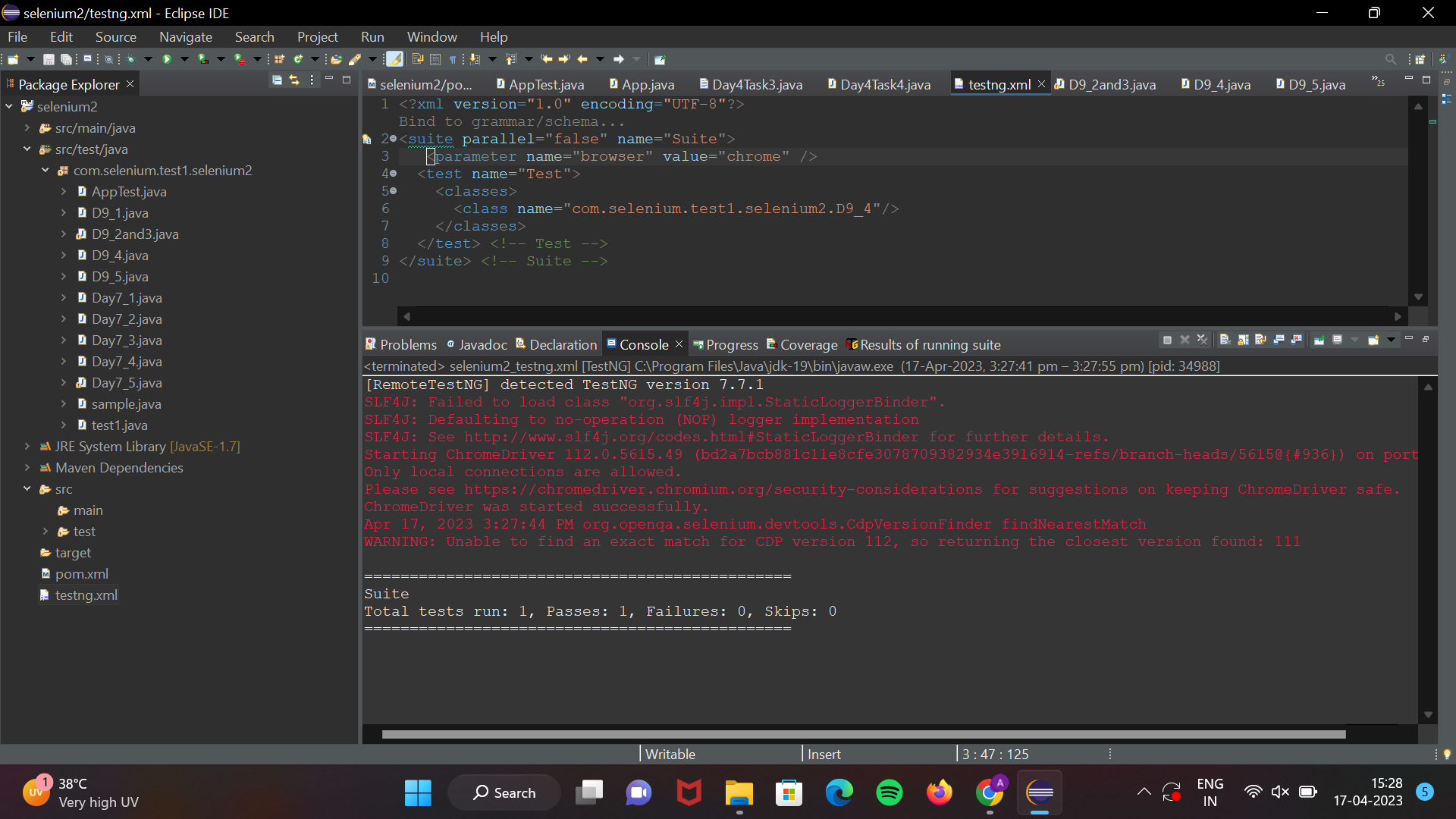
<class name="com.selenium.test1.selenium2.D9\_4"/>

</classes>

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

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

Output:



Task 5:

Code:

package com.selenium.test1.selenium2;

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.annotations.AfterMethod;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class D9\_5 {

WebDriver driver;

*@Test*

public void f() throws Exception {

String url="https://opensource-demo.orangehrmlive.com/web/index.php/auth/login";

driver.get(url);

Thread.*sleep*(3000);

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

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

WebElement submit=driver.findElement(By.*xpath*("//\*[@class='oxd-button oxd-button--medium oxd-button--main orangehrm-login-button']"));

uname.sendKeys("Suvitha");

pwd.sendKeys("12345");

submit.click();

String url1="https://opensource-demo.orangehrmlive.com/web/index.php/dashboard/index";

}

*@BeforeMethod*

public void beforeMethod() {

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

ChromeOptions co = new ChromeOptions();

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

driver=new ChromeDriver(co);

}

*@AfterMethod*

public void afterMethod() {

driver.close();

}

}

**testing.xml:**

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

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

<test name="Test">

<listeners>

<listener class-name="com.selenium.test1.selenium2.listr">

</listener>

</listeners>

<classes>

<class name="com.selenium.test1.selenium2.D9\_5"/>

</classes>

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

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

Output:

