

# Day\_9

## Class\_Exercise 1:

Coding:

```
package Day_9;

import org.testng.annotations.Test;
import org.testng.annotations.DataProvider;

public class CE_1 {

    @Test(dataProvider = "dp",priority=1)
    public void add(Integer n1,Integer n2) {
        System.out.println(n1+n2);
    }

    @Test(dataProvider = "dp",priority=2)
    public void sub(Integer n1,Integer n2) {
        System.out.println(n1-n2);
    }

    @Test(dataProvider = "dp",priority=3)
    public void mul(Integer n1,Integer n2) {
        System.out.println(n1*n2);
    }

    @Test(dataProvider = "dp",priority=4)
    public void div(Integer n1,Integer n2) {
        System.out.println(n1/n2);
    }

    @DataProvider
    public Object[][] dp() {
        return new Object[][] {
```

```
new Object[] { 5,5 },  
new Object[] { 10, 10 },  
};  
}  
}
```

output:

```
[RemoteTestNG] detected TestNG version 7.4.0  
10  
20  
0  
0  
25  
100|  
1  
1  
PASSED: mul(10, 10)  
PASSED: sub(10, 10)  
PASSED: add(10, 10)  
PASSED: mul(5, 5)  
PASSED: div(10, 10)  
PASSED: sub(5, 5)  
PASSED: div(5, 5)  
PASSED: add(5, 5)  
  
=====  
Default test  
Tests run: 4, Failures: 0, Skips: 0  
=====  
  
=====  
Default suite  
Total tests run: 8, Passes: 8, Failures: 0, Skips: 0  
=====
```

## Class\_Exercise 2&3:

Coding:

```
package Day_9;
```

```
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_2_3 {

    WebDriver driver;

    @Test

    public void task1() throws InterruptedException {

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

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

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

        Thread.sleep(3000);

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

        String title = driver.getTitle();

        String url = driver.getCurrentUrl();

        Assert.assertEquals(expectedTitle, title);

        Assert.assertEquals(url, curUrl);

    }

    @Test

    public void task2() throws InterruptedException

    {

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

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

        Thread.sleep(3000);

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

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

        Thread.sleep(4000);

    }

}
```

```
        driver.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();
    }

    @Test
    public void task3() throws InterruptedException
    {
        driver.get("https://www.godaddy.com/");

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

        Thread.sleep(3000);

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

        Thread.sleep(4000);

        driver.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);

        String expectedTitle = "GoDaddy Domain Search - Buy and Register Available Domain Names";

        String title = driver.getTitle();

        Assert.assertEquals(title, expectedTitle);

        WebElement sb = driver.findElement(By.xpath("//*[@id=\"8469f0c3-e08f-4343-9756-ce0390b0d581\"]"));

        WebElement sbutton = driver.findElement(By.xpath("//*[@id=\"id-1467954b-c5e3-4b0c-9046-9fc94d8ca892\"]/section/div/div/section/div/div[1]/div/div/div[2]/button"));

        Thread.sleep(3000);

        sb.isEnabled();

        sb.sendKeys("mydomain");

        Thread.sleep(3000);

        sbutton.isEnabled();

        sbutton.click();

        Thread.sleep(15000);
    }

    @BeforeMethod
    public void beforeMethod() {
```

```
ChromeOptions co = new ChromeOptions();

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

    WebDriverManager.edgedriver().setup();

    WebDriverManager.chromedriver().setup();

    driver = new ChromeDriver();

}
```

@AfterMethod

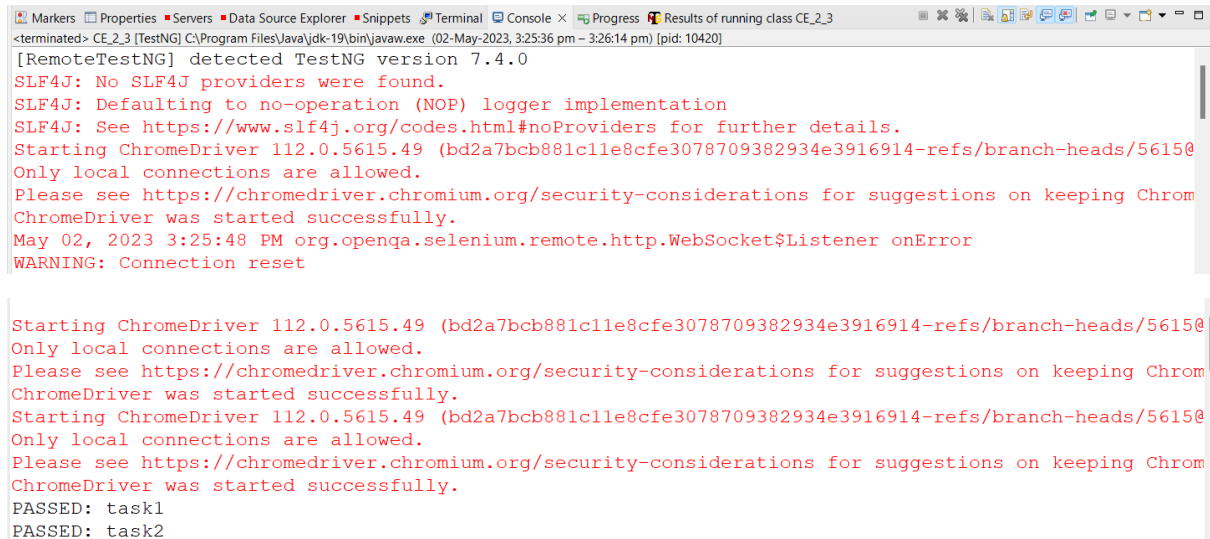
```
public void afterMethod() {

    driver.close();

}

}
```

Output:



```
Markers Properties Servers Data Source Explorer Snippets Terminal Console × Progress Results of running class CE_2_3
<terminated> CE_2_3 [TestNG] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-May-2023, 3:25:36 pm - 3:26:14 pm) [pid: 10420]
[RemoteTestNG] detected TestNG version 7.4.0
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping Chrom
ChromeDriver was started successfully.
May 02, 2023 3:25:48 PM org.openqa.selenium.remote.http.WebSocket$Listener onError
WARNING: Connection reset

Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping Chrom
ChromeDriver was started successfully.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping Chrom
ChromeDriver was started successfully.
PASSED: task1
PASSED: task2
```

Class\_Exercise 4:

Coding:

```
package Day_9;
```

```
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.openqa.selenium.edge.EdgeDriver;
import org.testng.Assert;
import org.testng.annotations.AfterMethod;

public class CE_4 {

    WebDriver driver;

    @Test
    public void edge() throws InterruptedException {

        WebDriverManager.edgedriver().setup();

        driver = new EdgeDriver();

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

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

        Thread.sleep(3000);

        driver.findElement(By.xpath("//*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[1]/div/div[2]/input")).sendKeys("Admin");

        driver.findElement(By.xpath("//*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[2]/div/div[2]/input")).sendKeys("admin123");

        Thread.sleep(3000);

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

        Thread.sleep(4000);
```

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

        Assert.assertEquals("Dashboard", title);

    }

    @Test

    public void chrome() throws InterruptedException {

        WebDriverManager.chromedriver().setup();

        driver = new ChromeDriver();

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

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

        Thread.sleep(3000);

driver.findElement(By.xpath("//*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[1]/div/div[2]/input")).sendKeys("Admin");

driver.findElement(By.xpath("//*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[2]/div/div[2]/input")).sendKeys("admin123");

        Thread.sleep(3000);

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

        Thread.sleep(4000);

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

        Assert.assertEquals("Dashboard", title);

    }

    @BeforeMethod

    public void beforeMethod() throws InterruptedException {

        ChromeOptions co = new ChromeOptions();

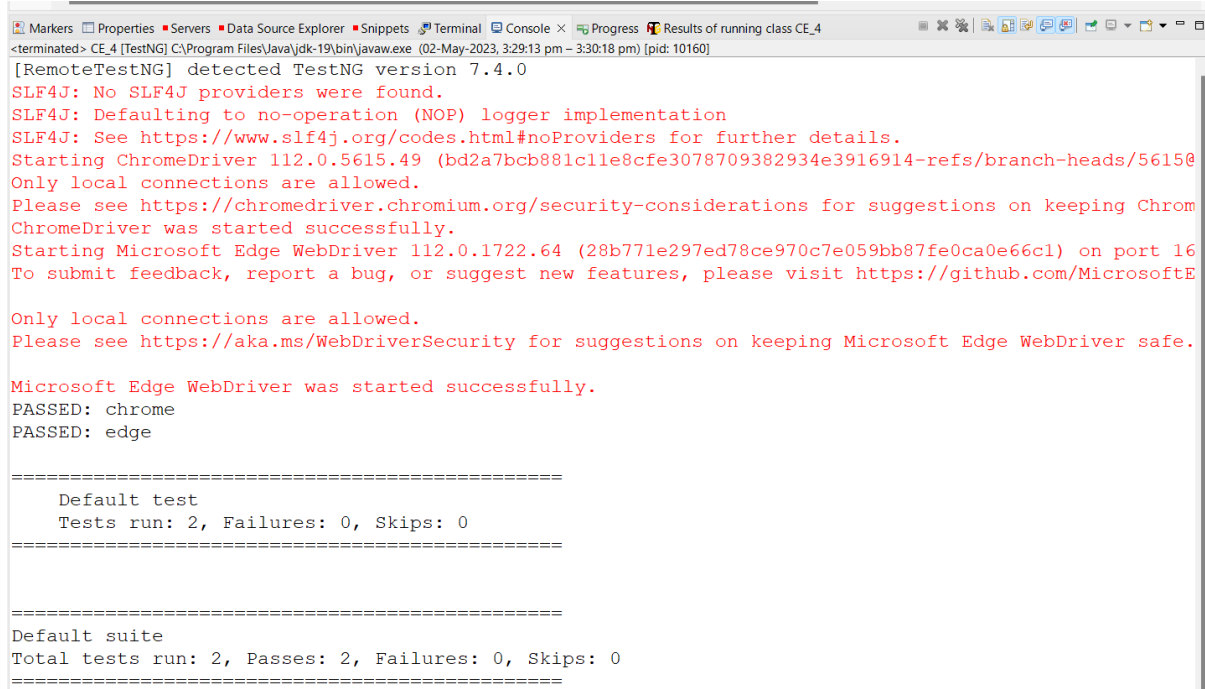
        co.addArguments("--remote-allow-origins=*");

    }
```

@AfterMethod

```
public void afterMethod() {  
  
    driver.quit();  
  
}  
}
```

## Output:

A screenshot of an IDE console window. The title bar shows various tabs: Markers, Properties, Servers, Data Source Explorer, Snippets, Terminal, Console, Progress, and Results of running class CE\_4. The console output is as follows:  
<terminated> CE\_4 [TestNG] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-May-2023, 3:29:13 pm - 3:30:18 pm) [pid: 10160]  
[RemoteTestNG] detected TestNG version 7.4.0  
SLF4J: No SLF4J providers were found.  
SLF4J: Defaulting to no-operation (NOP) logger implementation  
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.  
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@  
Only local connections are allowed.  
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping Chrom  
ChromeDriver was started successfully.  
Starting Microsoft Edge WebDriver 112.0.1722.64 (28b771e297ed78ce970c7e059bb87fe0ca0e66c1) on port 16  
To submit feedback, report a bug, or suggest new features, please visit https://github.com/MicrosoftE  
Only local connections are allowed.  
Please see https://aka.ms/WebDriverSecurity for suggestions on keeping Microsoft Edge WebDriver safe.  
  
Microsoft Edge WebDriver was started successfully.  
PASSED: chrome  
PASSED: edge  
  
=====  
Default test  
Tests run: 2, Failures: 0, Skips: 0  
=====

## Class\_Exercise 5:

### Coding:

```
package Day_9;
```

```
import org.testng.annotations.Test;
```

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

```
import org.testng.annotations.BeforeMethod;
```

```
import org.testng.annotations.Listeners;
```



```
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;


@Listeners(listenerCE_5.class)

public class CE_5 {

    WebDriver driver;

    @Test

    public void task1() throws InterruptedException {

        Thread.sleep(3000);


        driver.findElement(By.xpath("//*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[1]/div/div[2]/input")).sendKeys("Suvitha");


        driver.findElement(By.xpath("//*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div[2]/div/div[2]/input")).sendKeys("12345");

        Thread.sleep(3000);


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

        Thread.sleep(3000);

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

        Assert.assertEquals("Dashboard", title);

    }

    @BeforeMethod

    public void beforeMethod() {

        ChromeOptions co = new ChromeOptions();

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

        WebDriverManager.chromedriver().setup();

    }

}
```

```
driver = new ChromeDriver();

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

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

}
```

@AfterMethod

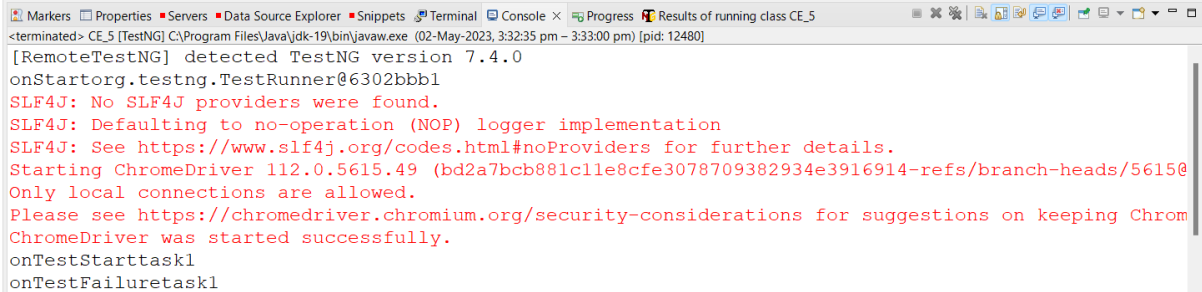
```
public void afterMethod() {

    driver.close();

}

}
```

Output:



The screenshot shows an IDE console window with the following output:

```
<terminated> CE_5 [TestNG] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-May-2023, 3:32:35 pm - 3:33:00 pm) [pid: 12480]
[RemoteTestNG] detected TestNG version 7.4.0
onStartorg.testng.TestRunner@6302bbb1
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping Chrom
ChromeDriver was started successfully.
onTestStarttask1
onTestFailuretask1

=====
Default suite
Total tests run: 1, Passes: 0, Failures: 1, Skips: 0
=====
```