

1]

```

1 package com.selenium.test;
2
3 import org.testng.annotations.Test;
4
15 public class Day7C1 {
16     WebDriver driver;
17     @Test
18     public void f() throws Exception {
19         String t1=driver.getTitle();
20         System.out.println(t1);
21         String t2="Guest Registration Form - User Registration";
22         Assert.assertEquals(t1,t2);
23     }
24     @BeforeTest
25     public void beforeTest() {
26         WebDriverManager.chromedriver().setup();
27         ChromeOptions co=new ChromeOptions();
28         co.addArguments("--remote-allow-origins=*");
29         driver=new ChromeDriver(co);
30         driver.get("https://demo.vpserverest.com/user-registration/guest-registration-form/");
31         driver.manage().window().maximize();
32     }
33     @AfterTest
34     public void afterTest() {
35         driver.quit();
36     }
37 }
38
40
41
42

```

Results of running class Day7C1

```

<terminated> Day7C1 [TestNG] C:\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4\jre\bin\javaw.exe (02-May-2023, 12:22:56 pm - 12:23:04 pm) [pid: 29628]
SIF4J: See http://www.sif4j.org/codes.html#StaticLoggerBinder for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e8cfe3078709382934e3916914-refs/branch-heads/56158#936) on port 44386
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Guest Registration Form - User Registration
PASSED: f

```

2]

```

1 package com.selenium.test;
2
3 import org.testng.annotations.Test;
4
6
7
8 public class Day7C2 {
9     int a=7,b=2,c;
10    @Test(priority=4)
11    public void add() {
12        c=a+b;
13        Assert.assertEquals(c,9);
14    }
15
16    @Test(priority=3)
17    public void sub() {
18        c=a-b;
19        Assert.assertEquals(c,5);
20    }
21
22    @Test(priority=2)
23    public void mul() {
24        c=a*b;
25        Assert.assertEquals(c,14);
26    }
27
28    @Test(priority=1)
29    public void div() {
30        c=a/b;
31        Assert.assertEquals(c,3);
32    }
33 }
34

```

Results of running class Day7C2

```

<terminated> Day7C2 [TestNG] C:\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4\jre\bin\javaw.exe (02-May-2023, 12:23:47 pm - 12:23:48 pm) [pid: 26308]
[RemoteTestNG] detected TestNG version 7.4.0
PASSED: sub
PASSED: div
PASSED: mul
PASSED: add

```

```
[3]

Day7C1.java Day7C2.java x Day7C3.java Day7C4.java Day7C5.java Day7C6.java Day7C7.java
16
17 public class Day7C3 {
18     WebDriver driver;
19
20     @Test
21     public void f() throws Exception {
22         Thread.sleep(3000);
23         driver.findElement(By.name("username")).sendKeys("Admin"); // username
24         driver.findElement(By.name("password")).sendKeys("admin123"); //pwd
25         driver.findElement(By.xpath("//*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/div[2]/form/div"))
26         Thread.sleep(3000);
27         String url=driver.getCurrentUrl();
28         System.out.println(url);
29         String u2="https://opensource-demo.orangehrmlive.com/web/index.php/dashboard/index";
30         Assert.assertEquals(u1, u2);
31     }
32     @BeforeMethod
33     public void beforeMethod() {
34         WebDriverManager.edgedriver().setup();
35         driver=new EdgeDriver();
36         driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
37         driver.manage().window().maximize();
38     }
39
40     @AfterMethod
41     public void afterMethod() {
42         driver.quit();
43     }
44 }
45 )
46
```

com.selenium.test  
✓ Day7C3

- ▲ driver : WebDriver
- f(): void
- beforeMethod(): void
- afterMethod(): void

Declaration Console Results of running class Day7C3

\*terminated - Day7C3 [TestNG] C:\cypress\plugins\org.eclipse.jdt.openjdk.hotspot.jre.full.win32.x86\_64.17.0.4.v20220903-1038\jre\bin\javaw.exe. (02-May-2023, 12:24:22 pm – 12:25:28 pm) [pid: 21724]

C:\Users\ADMIN~1\AppData\Local\Temp\1\consoles\dns & javaw.exe

Please see https://aka.ms/WebDriverSecurity for suggestions on keeping Microsoft Edge WebDriver safe.

Microsoft Edge WebDriver was started successfully.  
<https://opensource-demo.orangehrmlive.com/web/index.php/dashboard/index>  
PASSED: f

```

1 package com.selenium.test;
2
3 import org.testng.annotations.Test;
4
5
6 public class Day7C4 {
7     @Test
8     public void Test1() throws Exception {
9         WebDriverManager.edgedriver().setup();
10        driver=new EdgeDriver();
11        driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
12        driver.manage().window().maximize();
13        Thread.sleep(3000);
14        driver.findElement(By.name("username")).sendKeys("Admin"); // username
15        driver.findElement(By.name("password")).sendKeys("admin123"); //pwd
16        driver.findElement(By.xpath("//*[@id='app']/div[1]/div/div[1]/div/div[2]/div[2]/form/div[3]"));
17        Thread.sleep(3000);
18        String url=driver.getCurrentUrl();
19        System.out.println(url);
20        org.testng.Assert.assertEquals(url, u2);
21    }
22    @Test(dependsOnMethods = {"Test1"})
23    public void Test2() throws Exception {
24        driver.findElement(By.xpath("//*[@id='app']/div[1]/div[1]/header/div[1]/div[2]/ul/li/span")));
25        Thread.sleep(3000);
26        driver.findElement(By.xpath("//*[@id='app']/div[1]/div[1]/header/div[1]/div[2]/ul/li/li/li[4]"));
27    }
28 }

```

com.selenium.test  
Day7C4  
    driver: WebDriver  
    Test10: void  
    Test20: void

Declaration Console × Results of running class Day7C4  
<terminated> Day7C4 [TestNG] C:\eclipse\plugins\org.eclipse.jst.openjdk hotspotjre.full.win32.x86\_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (02-May-2023, 12:26:15 pm – 12:26:39 pm) [pid: 30296]  
  
Microsoft Edge WebDriver was started successfully.  
https://opensource-demo.orangehrmlive.com/web/index.php/dashboard/index  
PASSED: Test1  
PASSED: Test2

5]

The screenshot shows the Eclipse IDE with several Java files open in the editor. The main file is `Day7C5.java`, which contains two test methods: `Test1` (labeled "SmokeTest") and `Test2` (labeled "RegressionTest"). Both methods use `WebDriverManager` to set up a Chrome driver, navigate to `https://www.godaddy.com/en-in`, and perform assertions on the page content. The `Test1` method includes a `Thread.sleep(3000)` call. The `Test2` method is similar but does not include the sleep call. The `Outline` view on the right shows the project structure with `com.selenium.test` and `Day7C5` containing `Test10: void`, `Test20: void`, `Test30: void`, and `Test40: void`.

```
1 package com.selenium.test;
2
3 import org.testng.annotations.Test;
4
5 public class Day7C5 {
6     @Test(groups= {"SmokeTest"})
7     public void Test1() throws Exception {
8         WebDriver driver;
9         ChromeOptions co = new ChromeOptions();
10        co.addArguments("--remote-allow-origins=*");
11        driver=new ChromeDriver(co);
12        driver.get("https://www.godaddy.com/en-in");
13        driver.manage().window().maximize();
14        Thread.sleep(3000);
15        String tl=driver.getTitle();
16        System.out.println(tl);
17        Assert.assertEquals(tl, "Domain Names, Websites, Hosting & Online Marketing Tools - GoDaddy");
18        String ul=driver.getCurrentUrl();
19        Assert.assertEquals(ul,"https://www.godaddy.com/en-in");
20        driver.quit();
21    }
22
23    @Test(groups= {"RegressionTest"})
24    public void Test2() throws Exception {
25        WebDriver driver;
26        ChromeOptions co = new ChromeOptions();
27        co.addArguments("--remote-allow-origins=*");
28        driver=new ChromeDriver(co);
29        driver.get("https://www.godaddy.com/en-in");
30        driver.manage().window().maximize();
31    }
32}
```

The console output shows the results of running the class `Day7C5`. It indicates that the ChromeDriver was started successfully and that all tests passed.

```
<terminated> Day7C5 [TestNG] C:\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4\jre\bin\javaw.exe (02-May-2023, 12:27:10 pm - 12:27:21 pm) [pid: 26300]
ChromeDriver was started successfully.
in smoke test
in RegressionTest
PASSED: Test3
PASSED: Test1
PASSED: Test4
PASSED: Test2
```