

1]

```

1 package com.selenium.test;
2
3 import org.testng.annotations.Test;
4
5
6
7
8 public class Day7C1 {
9     WebDriver driver;
10
11     @Test
12     public void f() throws Exception {
13         String t1=driver.getTitle();
14         System.out.println(t1);
15         String t2="Guest Registration Form - User Registration";
16         Assert.assertEquals(t1,t2);
17     }
18
19     @BeforeTest
20     public void beforeTest() {
21         WebDriverManager.chromedriver().setup();
22         ChromeOptions co=new ChromeOptions();
23         co.addArguments("--remote-allow-origins=*");
24         driver=new ChromeDriver(co);
25
26         driver.get("https://demo.vpserverest.com/user-registration/guest-registration-form/");
27         driver.manage().window().maximize();
28     }
29
30     @AfterTest
31     public void afterTest() {
32         driver.quit();
33     }
34 }

```

Results of running class Day7C1

```

<terminated> Day7C1 [TestNG] C:\eclipse\plugins\org.eclipse.justi.openjdkhotspotjre.full.win32.x86_64.17.0.4.v20220903-1038\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
5
6
7
8 public class Day7C2 {
9     int a=7,b=2,c;
10
11     @Test(priority=4)
12     public void add() {
13         c=a+b;
14         Assert.assertEquals(c,9);
15     }
16
17     @Test(priority=3)
18     public void sub() {
19         c=a-b;
20         Assert.assertEquals(c,5);
21     }
22
23     @Test(priority=2)
24     public void mul() {
25         c=a*b;
26         Assert.assertEquals(c,14);
27     }
28
29     @Test(priority=1)
30     public void div() {
31         c=a/b;
32         Assert.assertEquals(c,3);
33     }
34 }

```

Results of running class Day7C2

```

<terminated> Day7C2 [TestNG] C:\eclipse\plugins\org.eclipse.justi.openjdkhotspotjre.full.win32.x86_64.17.0.4.v20220903-1038\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

```

The screenshot shows an IDE with multiple tabs at the top: Day9C1.java, Day9C2.java, Day7C1.java, Day7C2.java, Day7C3.java, and Day7C3.java. The active tab is Day7C3.java, which contains the following Java code:

```

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]/form/div
26             Thread.sleep(3000);
27         String ul=driver.getCurrentUrl();
28         System.out.println(ul);
29         String u2="https://opensource-demo.orangehrmlive.com/web/index.php/dashboard/index";
30         Assert.assertEquals(ul, 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

```

To the right of the code editor is the Outline view, showing the project structure under com.selenium.test > Day7C3:

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

At the bottom of the IDE, the Declaration pane shows the command used to run the test class:

```

-terminated- Day7C3 [TestNG] C:\eclipse\plugins\org.eclipse.jdt.launcher\bin\javaw.exe -Dj2se.config.dir=C:\Program Files\Java\jdk-11.0.2\conf -Xms128m -Xmx1024m -XX:MaxPermSize=256m -jar C:\eclipse\workspace\Day7C3\Day7C3.jar
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

```

The screenshot shows an IDE with a Java file named `Day7C4.java` and its test results.

Code Snippet:

```

1 package com.selenium.test;
2
3 import org.testng.annotations.Test;
4
5
6 public class Day7C4 {
7     WebDriver driver;
8
9     @Test
10    public void Test1() throws Exception {
11        WebDriverManager.edgedriver().setup();
12
13        driver=new EdgeDriver();
14        driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
15        driver.manage().window().maximize();
16        Thread.sleep(3000);
17        driver.findElement(By.name("username")).sendKeys("Admin"); // username
18        driver.findElement(By.name("password")).sendKeys("Admin123"); //pwd
19        driver.findElement(By.xpath("//*[@id=\"app\"]//div[1]/div[1]/div[2]/div[2]/form/div[3],
20        Thread.sleep(3000);
21        String u1=driver.getCurrentUrl();
22        System.out.println(u1);
23        String u2="https://opensource-demo.orangehrmlive.com/web/index.php/dashboard/index";
24        org.testng.Assert.assertEquals(u1, u2);
25    }
26
27    @Test(dependsOnMethods = {"Test1"})
28    public void Test2() throws Exception {
29        driver.findElement(By.xpath("//*[@id=\"app\"]//div[1]/div[1]/header/div[1]/div[2]/ul/li/span")).click();
30        Thread.sleep(3000);
31        driver.findElement(By.xpath("//*[@id=\"app\"]//div[1]/div[1]/header/div[1]/div[2]/ul/li/li/li[4],
32    }
33
34 }

```

Test Results:

Microsoft Edge WebDriver was started successfully.
 https://opensource-demo.orangehrmlive.com/web/index.php/dashboard/index
 PASSED: Test1
 PASSED: Test2

5]

The screenshot displays the Eclipse IDE interface. The main editor window shows the source code for `Day7C5.java`, which is part of the `com.selenium.test` package. The code defines a `Day7C5` class with two test methods: `Test1` (labeled as a 'SmokeTest') and `Test2` (labeled as a 'RegressionTest'). Both tests 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 right-hand side of the IDE shows the 'Outline' view, listing the test methods: `Test10 : void`, `Test20 : void`, `Test30 : void`, and `Test40 : void`. At the bottom, the 'Console' view shows the output of running the `Day7C5` class, indicating that the ChromeDriver was started successfully and all tests passed.

```
1 package com.selenium.test;
2
3 import org.testng.annotations.Test;
4
17 public class Day7C5 {
18     @Test(groups= {"SmokeTest"})
19     public void Test1() throws Exception {
20         WebDriverManager.chromedriver().setup();
21         WebDriver driver;
22         ChromeOptions co = new ChromeOptions();
23         co.addArguments("--remote-allow-origins=");
24         driver=new ChromeDriver(co);
25         driver.get("https://www.godaddy.com/en-in");
26         driver.manage().window().maximize();
27         Thread.sleep(3000);
28         String tl=driver.getTitle();
29         System.out.println(tl);
30         Assert.assertEquals(tl, "Domain Names, Websites, Hosting & Online Marketing Tools - GoDaddy");
31         String ul=driver.getCurrentUrl();
32         Assert.assertEquals(ul,"https://www.godaddy.com/en-in");
33         driver.quit();
34     }
35
36     @Test(groups= {"RegressionTest"})
37     public void Test2() throws Exception {
38         WebDriverManager.chromedriver().setup();
39         WebDriver driver;
40         ChromeOptions co = new ChromeOptions();
41         co.addArguments("--remote-allow-origins=");
42         driver=new ChromeDriver(co);
43         driver.get("https://www.godaddy.com/en-in");
44         driver.manage().window().maximize();
45         Thread.sleep(3000);
46     }
47 }
```

Declaration Console Results of running class Day7C5
<terminated> Day7C5 [TestNG] C:\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4\j2220903-1038\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