

DAY_5

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CE_1

```
package com.day_6;
```

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

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

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

```
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_1 {
```

```
    WebDriver driver;
```

```
    @Test
```

```
    public void check() {
```

```
        driver.get("https://demo.wpeverest.com/user-  
registration/guest-registration-form/");
```

```
String expectedTitle = "Guest Registration Form – User  
Registration";
```

```
String actualTitle = driver.getTitle();
```

```
Assert.assertEquals(expectedTitle,actualTitle);
```

```
}
```

```
@BeforeMethod
```

```
public void beforeMethod() {
```

```
    ChromeOptions co = new ChromeOptions();
```

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

```
    WebDriverManager.chromedriver();
```

```
    driver = new ChromeDriver();
```

```
}
```

```
@AfterMethod
```

```
public void afterMethod() {
```

```
    driver.close();
```

```
}
```

```
}
```

OUTPUT:

```
Console X
<terminated> CE_1 [TestNG] C:\Program Files\Eclipse Adoptium\jdk-17.0.6-hotspot\bin\javaw.exe (30-Apr-2023, 8:11:36 pm - 8:11:48 pm) [pid: 19760]

[RemoteTestNG] detected TestNG version 7.7.1
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 (bd2a7bcb881c11e8cfe307870938293)
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for details
ChromeDriver was started successfully.
PASSED: com.day_6.CE_1.check

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

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

CE_2

```
package com.day_6;
```

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

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

```
import org.testng.Assert;
```

```
import org.testng.annotations.AfterMethod;
```

```
public class CE_2 {
```

```
    @Test(priority=1)
```

```
public void add() {  
    int a = 10;  
    int b = 20;  
    int sum =0;  
    sum= a+b;  
    System.out.println(sum);  
    Assert.assertEquals(sum, 30);  
}
```

```
@Test(priority=3)
```

```
public void sub() {  
    int a = 70;  
    int b = 60;  
    int sub = 0;  
    sub = a-b;  
    System.out.println(sub);  
    Assert.assertEquals(sub, 10);  
}
```

```
@Test(priority=4)
```

```
public void mul() {  
    int a = 5;  
    int b = 8;
```

```
int mul = 0;  
mul = a*b;  
System.out.println(mul);  
Assert.assertEquals(mul, 40);
```

```
}
```

```
@Test(priority=2)
```

```
public void div() {
```

```
    int a = 6;
```

```
    int b = 3;
```

```
    int div =0;
```

```
    div = a/b;
```

```
    System.out.println(div);
```

```
    Assert.assertEquals(div,2);
```

```
}
```

```
@BeforeMethod
```

```
public void beforeMethod() {
```

```
}
```

@AfterMethod

public void afterMethod() {

}

}

OUTPUT:

```
Console x
<terminated> CE_2 [TestNG] C:\Program Files\Eclipse Adoptium\jdk-17.0.6-hotspot\bin\javaw.exe (30-Apr-2023, 8:13:39 pm - 8:13:41 pm) [pid: 24800]
[RemoteTestNG] detected TestNG version 7.7.1
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
30
2
10
40
PASSED: com.day_6.CE_2.add
PASSED: com.day_6.CE_2.sub
PASSED: com.day_6.CE_2.div
PASSED: com.day_6.CE_2.mul

=====
Default test
Tests run: 4, Failures: 0, Skips: 0
=====

=====
Default suite
Total tests run: 4, Passes: 4, Failures: 0, Skips: 0
=====
```

CE_3

package com.day_6;

```
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_3 {
```

```
    WebDriver driver;
```

```
    @Test
```

```
    public void check() throws InterruptedException {
```

```
        WebElement
```

```
username=driver.findElement(By.name("username"));
```

```
        username.sendKeys("Admin");
```

```
        WebElement pass =
```

```
driver.findElement(By.name("password"));
```

```
pass.sendKeys("admin123");

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

button.click();

Thread.sleep(4000);

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

Assert.assertEquals("Dashboard",text);
}
```

@BeforeMethod

```
public void beforeMethod() throws InterruptedException {

    ChromeOptions co = new ChromeOptions();

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

    WebDriverManager.chromedriver().setup();

    driver = new ChromeDriver();

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

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

    Thread.sleep(4000);
}
```



```
}
```

@AfterMethod

```
public void afterMethod() throws InterruptedException {
```

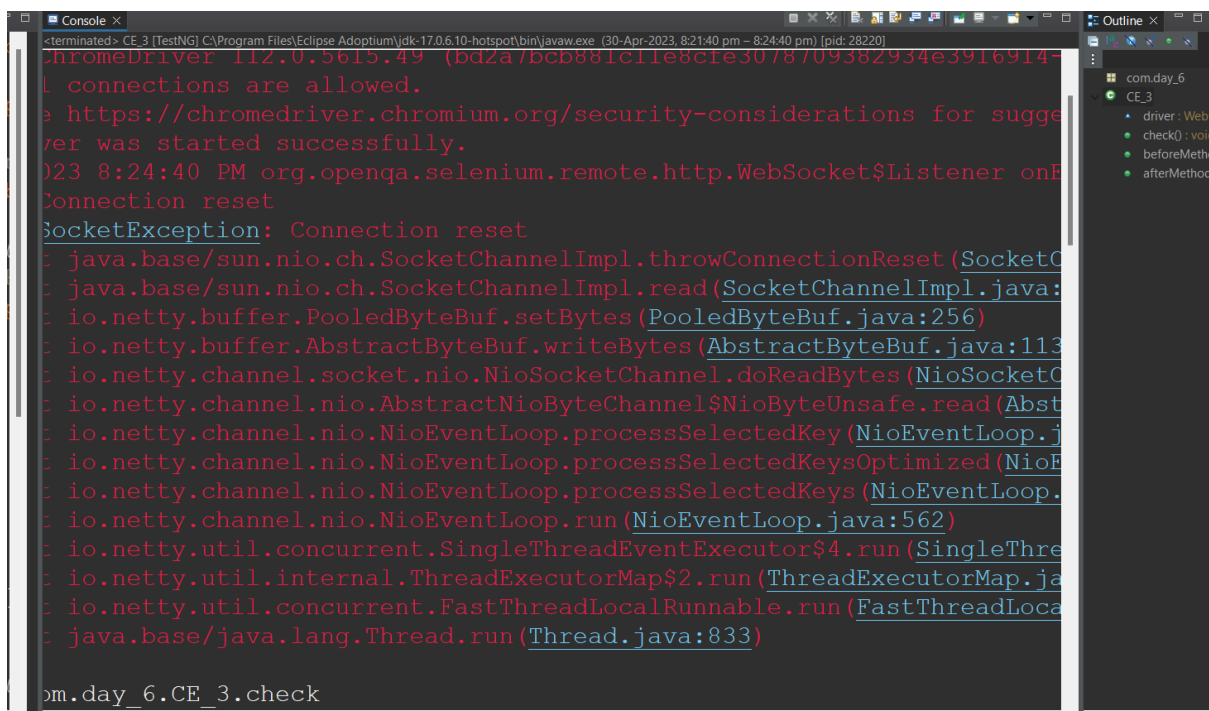
```
    Thread.sleep(4000);
```

```
    driver.close();
```

```
}
```

```
}
```

OUTPUT:



```
<terminated> CE_3 [TestNG] C:\Program Files\Eclipse Adoptium\jdk-17.0.6.10-hotspot\bin\javaw.exe (30-Apr-2023, 8:21:40 pm - 8:24:40 pm) [pid: 28220]
ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e8c1e3078709382934e3916914-
l connections are allowed.
e https://chromedriver.chromium.org/security-considerations for sugge
ver was started successfully.
023 8:24:40 PM org.openqa.selenium.remote.http.WebSocket$Listener onE
Connection reset
SocketException: Connection reset
at java.base/sun.nio.ch.SocketChannelImpl.throwConnectionReset(SocketC
at java.base/sun.nio.ch.SocketChannelImpl.read(SocketChannelImpl.java:
at io.netty.buffer.PooledByteBuf.setBytes(PooledByteBuf.java:256)
at io.netty.buffer.AbstractByteBuf.writeBytes(AbstractByteBuf.java:113
at io.netty.channel.socket.nio.NioSocketChannel.doReadBytes(NioSocketC
at io.netty.channel.nio.AbstractNioByteChannel$NioByteUnsafe.read(Abst
at io.netty.channel.nio.NioEventLoop.processSelectedKey(NioEventLoop.j
at io.netty.channel.nio.NioEventLoop.processSelectedKeysOptimized(NioE
at io.netty.channel.nio.NioEventLoop.processSelectedKeys(NioEventLoop.
at io.netty.channel.nio.NioEventLoop.run(NioEventLoop.java:562)
at io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThre
at io.netty.util.internal.ThreadExecutorMap$2.run(ThreadExecutorMap.ja
at io.netty.util.concurrent.FastThreadLocalRunnable.run(FastThreadLoca
at java.base/java.lang.Thread.run(Thread.java:833)
om.day_6.CE_3.check
```

CE_4

```
package com.day6;
```

```
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.AfterClass;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeClass;

public class CE_4 {
    WebDriver d;

    @Test
    public void login() throws InterruptedException {

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

```
d.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);
```

```
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 title =
```

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

```
Assert.assertEquals("Dashboard", title);
```

```
}
```

```
@Test(dependsOnMethods= {"login"})
```

```
public void logout() {
```

```
d.findElement(By.xpath("//*[@id=\"app\"]/div[1]/div[1]/header/div[1]/div[2]/ul/li/span/p")).click();
```

```
d.findElement(By.xpath("//*[@id=\"app\"]/div[1]/div[1]/header/div[1]/div[2]/ul/li/ul/li[4]/a")).click();
```

```
String Title=d.getTitle();
```

```
System.out.println(Title);
```

```
        Assert.assertEquals("OrangeHRM", Title);

    }

    @BeforeClass
    public void beforeclass() throws InterruptedException
    {
        ChromeOptions co= new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");

        WebDriverManager.chromedriver().setup();
        d=new ChromeDriver();
        d.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
        d.manage().window().maximize();
        Thread.sleep(4000);
    }

    @AfterClass
    public void afterclass() {

    }
```

```

    @BeforeMethod

    public void beforeMethod() throws
InterruptedException {

    }

```

```

    @AfterMethod

    public void afterMethod() {

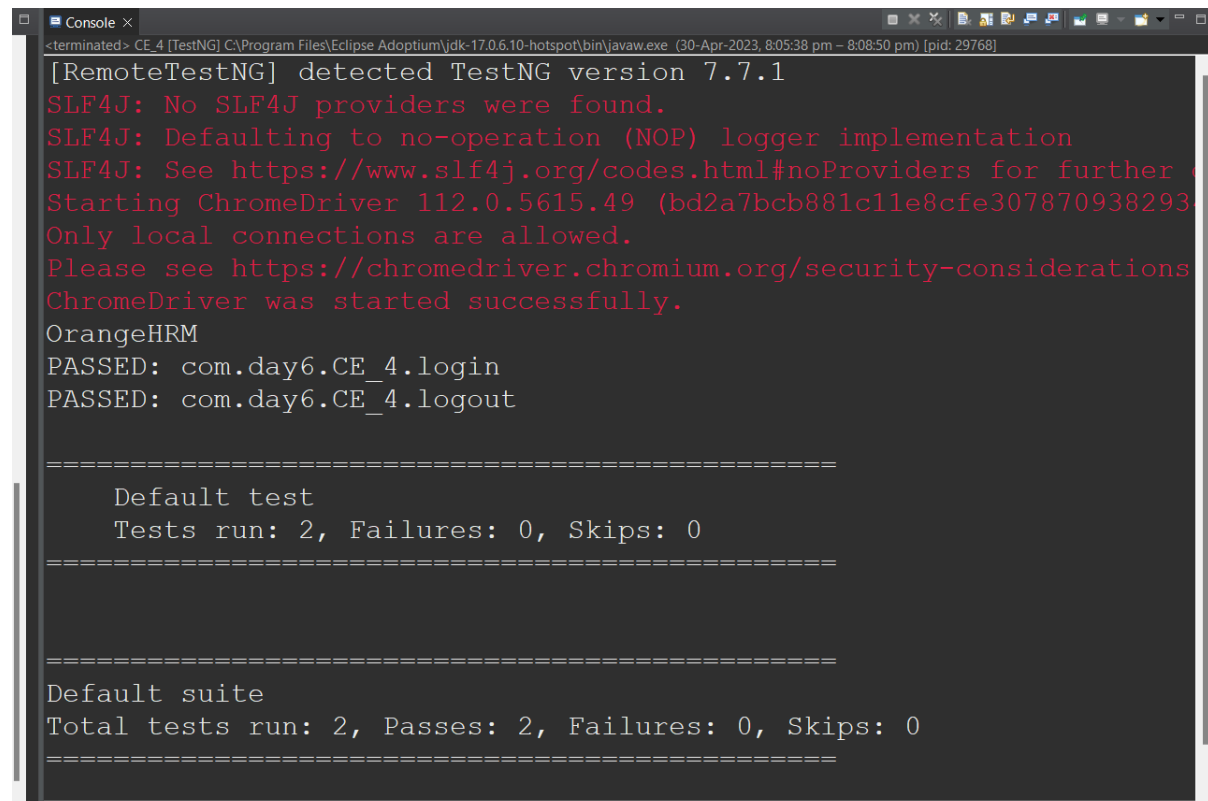
//        d.close();

    }

}

```

OUTPUT:



```

<terminated> CE_4 [TestNG] C:\Program Files\Eclipse Adoptium\jdk-17.0.6.10-hotspot\bin\javaw.exe (30-Apr-2023, 8:05:38 pm - 8:08:50 pm) [pid: 29768]

[RemoteTestNG] detected TestNG version 7.7.1
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 (bd2a7bcb881c11e8cfe307870938293)
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations
ChromeDriver was started successfully.
OrangeHRM
PASSED: com.day6.CE_4.login
PASSED: com.day6.CE_4.logout

=====
Default test
Tests run: 2, Failures: 0, Skips: 0
=====

=====
Default suite
Total tests run: 2, Passes: 2, Failures: 0, Skips: 0
=====

```

CE_5

package com.day_6;

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_5 {
```

```
    WebDriver driver;
```

```
@Test (groups= {"SmokeTest"})
```

```
public void testcase1() throws InterruptedException {
```

```
    Thread.sleep(3000);
```

```
    String s = driver.getTitle();
```

```
        Assert.assertEquals(s, "Domain Names, Websites,  
Hosting & Online Marketing Tools - GoDaddy IN");
```

```
}
```

```
@Test (groups= {"RegressionTest"})
```

```
public void testcase2() throws InterruptedException {
```

```
//    Thread.sleep(5000);
```

```
driver.findElement(By.xpath("/html/body/header/div/section/div/div[1]/nav/div[2]/div[1]/ul/li[1]/button")).click();
```

```
driver.findElement(By.xpath("/html/body/header/div/section/div/div[1]/nav/div[2]/div[1]/ul/li[1]/div/div[2]/div[1]/ul/li[2]/a")).click();
```

```
Thread.sleep(5000);
```

```
String actual =  
driver.findElement(By.xpath("/html/body/main/section[1]/section/section/div/div/section/div/h2/span")).getText();
```

```
Assert.assertEquals(actual, "It all starts with a domain.");
```



```
}
```

@BeforeMethod

```
public void beforeMethod() {
```

```
    ChromeOptions co=new ChromeOptions();
```

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

```
    WebDriverManager.chromedriver().setup();
```

```
    driver=new ChromeDriver();
```

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

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

```
}
```

@AfterMethod

```
public void afterMethod() {
```

```
    driver.close();
```

```
}
```

```
}
```

OUTPUT:

```
Console x
<terminated> CE_5.testcase1 [TestNG] C:\Program Files\Eclipse Adoptium\jdk-17.0.6-hotspot\bin\javaw.exe (30-Apr-2023, 8:36:05 pm - 8:36:19 pm) [pid: 31340]
[RemoteTestNG] detected TestNG version 7.7.1
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 (bd2a7bcb881c11e8cfe307870938293)
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for details
ChromeDriver was started successfully.
PASSED: com.day_6.CE_5.testcase1

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

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