**DAY – 4**

**TestNG**

1. **package Test\_Day5;**

**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 checkTitle() {**

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

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

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

**String currentTitle = driver.getTitle();**

**System.out.println(currentTitle);**

**Assert.assertEquals(expectedTitle, currentTitle);**

**}**

**@BeforeMethod**

**public void beforeMethod() {**

**ChromeOptions co = new ChromeOptions();**

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

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

**driver = new ChromeDriver();**

**}**

**@AfterMethod**

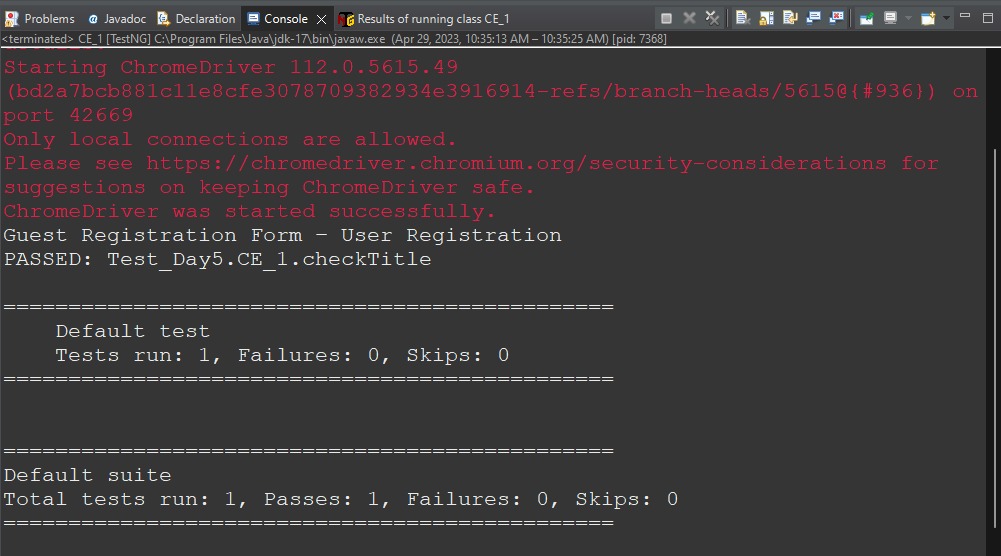
**public void afterMethod() {**

**driver.quit();**

**}**

**}**

**OUTPUT:**

****

1. **package Test\_Day5;**

**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\_2 {**

**WebDriver driver;**

**@Test(priority = 1)**

**public void addition() {**

**int a = 10;**

**int b = 20;**

**int result = a+b;**

**Assert.assertEquals(result, 30);**

**}**

**@Test(priority = 2)**

**public void subraction() {**

**int a = 10;**

**int b = 20;**

**int result = a-b;**

**Assert.assertEquals(result, -10);**

**}**

**@Test(priority = 3)**

**public void multiplication() {**

**int a = 10;**

**int b = 20;**

**int result = a\*b;**

**Assert.assertEquals(result, 200);**

**}**

**@Test(priority = 4)**

**public void division() {**

**int a = 10;**

**int b = 20;**

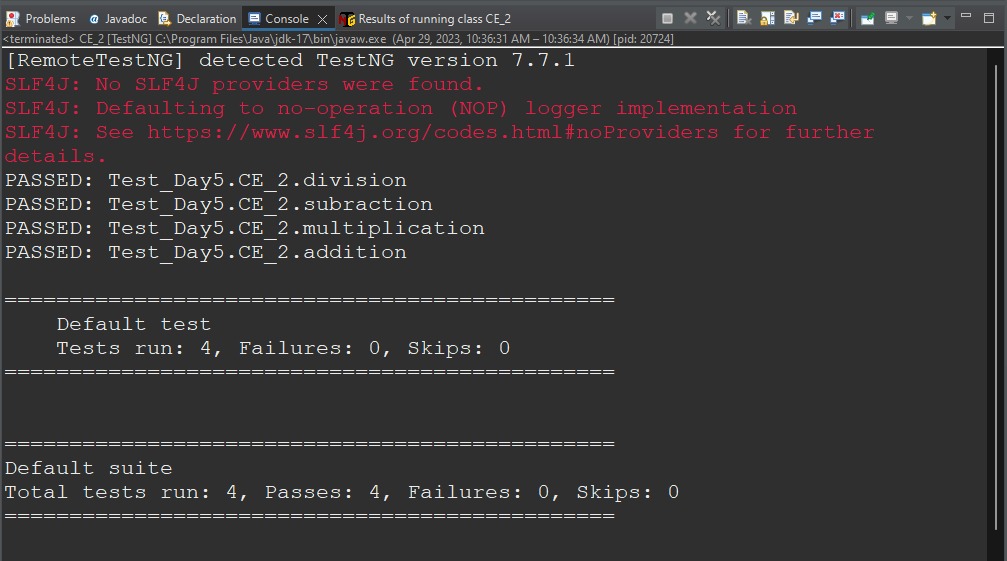
**int result = a/b;**

**Assert.assertEquals(result, 0);**

**}**

**}**

**OUTPUT:**

****

1. **package Test\_Day5;**

**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 logging() throws InterruptedException {**

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

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

**Thread.sleep(5000);**

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

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

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

**password.sendKeys("admin123");**

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

**Thread.sleep(5000);**

**button.submit();**

**Thread.sleep(5000);**

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

**String text = word.getText();**

**Assert.assertEquals(text, "Dashboard");**

**}**

**@BeforeMethod**

**public void beforeMethod() {**

**ChromeOptions co = new ChromeOptions();**

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

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

**driver = new ChromeDriver();**

**}**

**@AfterMethod**

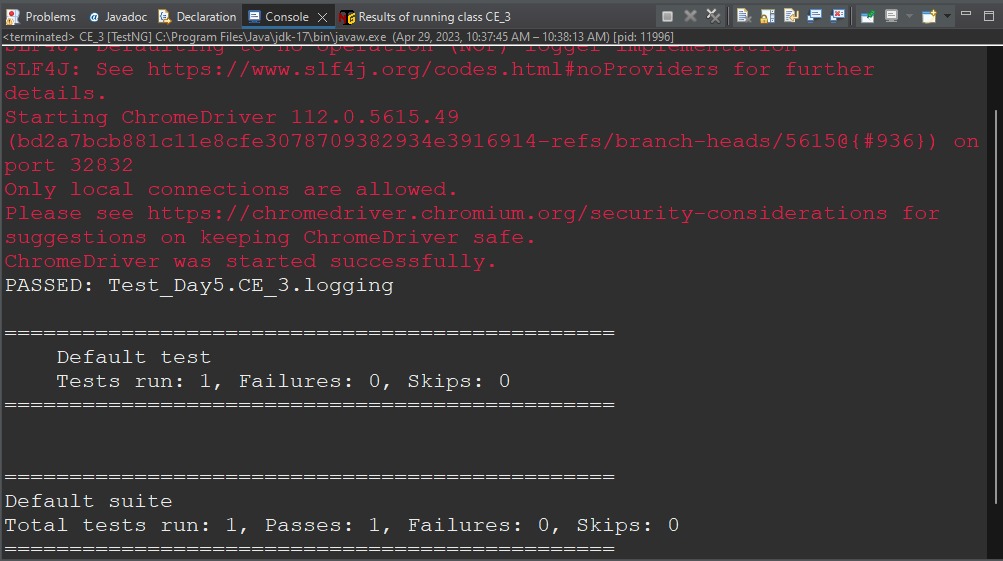
**public void afterMethod() {**

**driver.quit();**

**}**

**}**

**OUTPUT:**

****

1. **package Test\_Day5;**

**import org.testng.annotations.Test;**

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

**import org.testng.annotations.BeforeClass;**

**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;**

**public class CE\_4 {**

**WebDriver driver;**

**@Test**

**public void loginTest() throws InterruptedException {**

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

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

**Thread.sleep(5000);**

**WebElement username = driver.findElement(**

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

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

**WebElement password = driver.findElement(**

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

**password.sendKeys("admin123");**

**WebElement button = driver**

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

**Thread.sleep(5000);**

**button.submit();**

**Thread.sleep(6000);**

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

**String text = word.getText();**

**Assert.assertEquals(text, "Dashboard");**

**Thread.sleep(6000);**

**WebElement profile = driver**

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

**profile.click();**

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

**Thread.sleep(6000);**

**}**

**@Test(dependsOnMethods = "loginTest")**

**public void logoutTest() throws InterruptedException {**

**WebElement word1 = driver.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div/div[1]/div/div[2]/h5"));**

**String text1 = word1.getText();**

**Assert.assertEquals(text1, "Login");**

**}**

**@BeforeClass**

**public void beforeClass() {**

**ChromeOptions co = new ChromeOptions();**

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

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

**driver = new ChromeDriver();**

**}**

**@AfterClass**

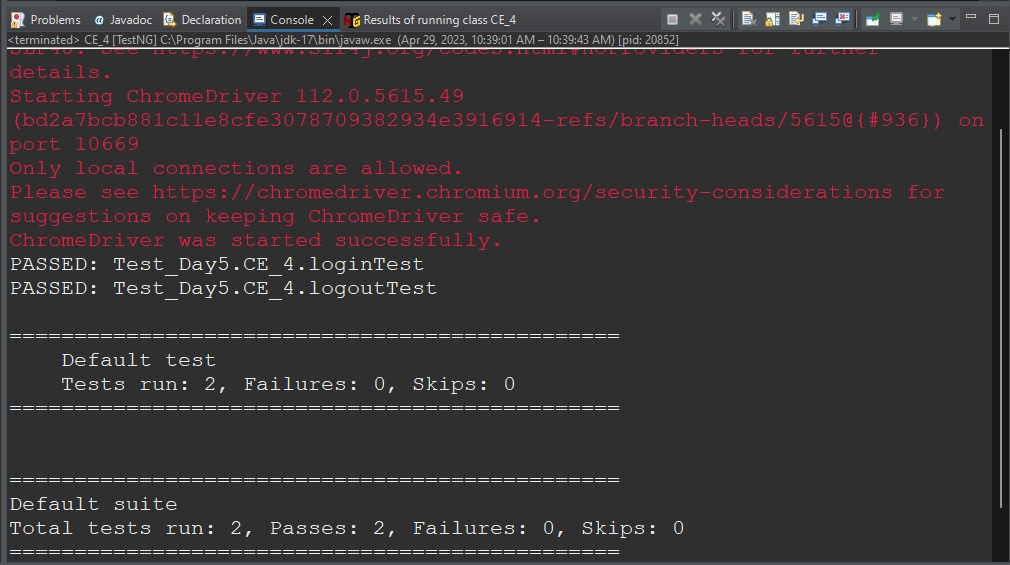
**public void afterClass() {**

**driver.quit();**

**}**

**}**

**OUTPUT:**

****

1. **package Test\_Day5;**

**import org.testng.annotations.Test;**

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

**import org.testng.annotations.BeforeMethod;**

**import java.util.concurrent.TimeUnit;**

**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\_5 {**

**WebDriver driver;**

**@Test(groups = "SmokeTest")**

**public void test\_case\_01() throws InterruptedException {**

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

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

**Thread.sleep(5000);**

**driver.findElement(**

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

**}**

**@Test(groups = "RegressionTest")**

**public void test\_case\_02() throws InterruptedException {**

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

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

**driver.manage().timeouts().implicitlyWait(60, TimeUnit.MINUTES);**

**driver.findElement(**

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

**Thread.sleep(5000);**

**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(5000);**

**}**

**@Test(groups = "RegressionTest")**

**public void test\_case\_03() throws InterruptedException {**

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

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

**driver.manage().timeouts().implicitlyWait(20, TimeUnit.SECONDS);**

**Thread.sleep(5000);**

**driver.findElement(**

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

**Thread.sleep(5000);**

**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(5000);**

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

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

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

**Thread.sleep(5000);**

**boolean isSearchBoxPresent = driver.findElement(By.name("searchText")).isDisplayed();**

**Assert.assertEquals(isSearchBoxPresent, true);**

**// WebElement isBuyButtonPresent = null;**

**// isBuyButtonPresent = driver.findElement(By.xpath(**

**// "//\*[@id=\"id-1467954b-c5e3-4b0c-9046-9fc94d8ca892\"]/section/div/div/section/div/div[1]/div/div/div[2]/button"));**

**// System.out.println(isBuyButtonPresent);**

**// Assert.assertNotNull(isBuyButtonPresent);**

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

**//**

**// driver.findElement(By.name("searchText")).sendKeys("food");**

**// isBuyButtonPresent.click();**

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

**// String message = null;**

**// message = driver.findElement(By.xpath("//\*[@id=\"search-app\"]/div/div/div/div[2]/div[1]/div[1]/div/div"))**

**// .getText();**

**// System.out.println(message);**

**// Assert.assertNull(message);**

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

**// WebElement isAddToCartButtonPresent = null;**

**// isAddToCartButtonPresent = driver.findElement(By.xpath(**

**// "//\*[@id=\"search-app\"]/div/div/div/div[2]/div[1]/div[2]/div[1]/div[2]/div[5]/div/div/div[2]/button"));**

**// System.out.println(isAddToCartButtonPresent);**

**//**

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

**// WebElement isDomainNamePresent = null;**

**// isDomainNamePresent = driver.findElement(**

**// By.xpath("\*[@id=\"search-app\"]/div/div[1]/div/div[2]/div[1]/div[2]/div[1]/div[2]/div[2]/h2/span"));**

**// System.out.println(isDomainNamePresent);**

**//**

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

**// WebElement isDomainPricePresent = null;**

**// isDomainPricePresent = driver.findElement(By.xpath(**

**// "\*[@id=\"search-app\"]/div/div[1]/div/div[2]/div[1]/div[2]/div[1]/div[2]/div[4]/div[2]/div[2]/span"));**

**// System.out.println(isDomainPricePresent);**

**}**

**@BeforeMethod**

**public void beforeMethod() {**

**ChromeOptions co = new ChromeOptions();**

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

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

**driver = new ChromeDriver();**

**}**

**@AfterMethod**

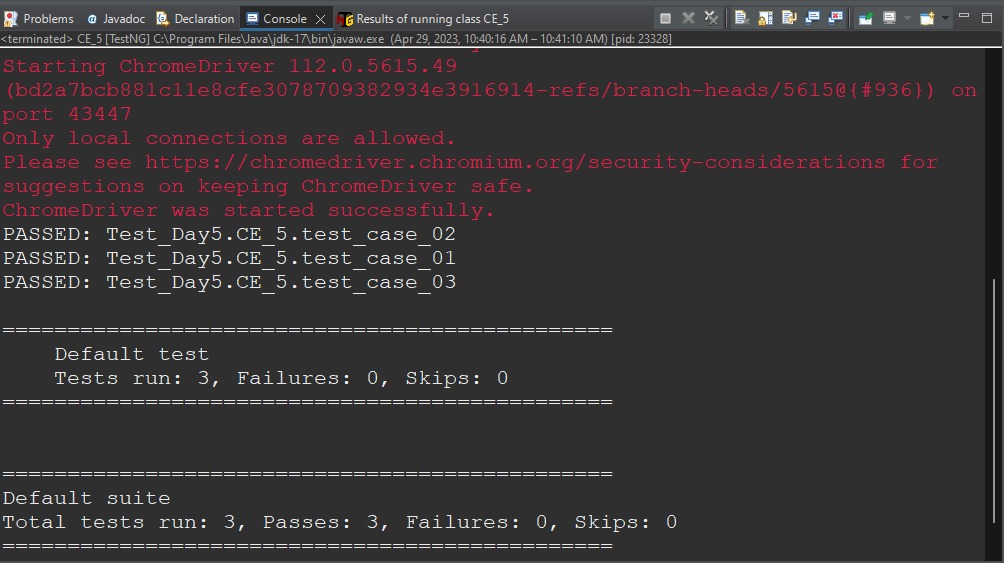
**public void afterMethod() {**

**driver.quit();**

**}**

**}**

**OUTPUT:**

****

**testNG.xml**

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

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

**<suite name="Suite">**

**<groups>**

**<run>**

**<exclude name="RegressionTest"></exclude>**

**</run>**

**</groups>**

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

**<classes>**

**<class name="Test\_Day6.CE\_5" />**

**</classes>**

**</test>**

**<!--Test -->**

**</suite>**

**<!--Suite -->**