**SOFTWARE TESTING WITH SELENIUM**

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**DAY 7**

**EX1**

**package** Pack1;

**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.Test;

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

**public** **class** task1 {

@Test

**public** **void** method1() {

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

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

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

WebDriver driver=**new** ChromeDriver(co);

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

String str=driver.getTitle();

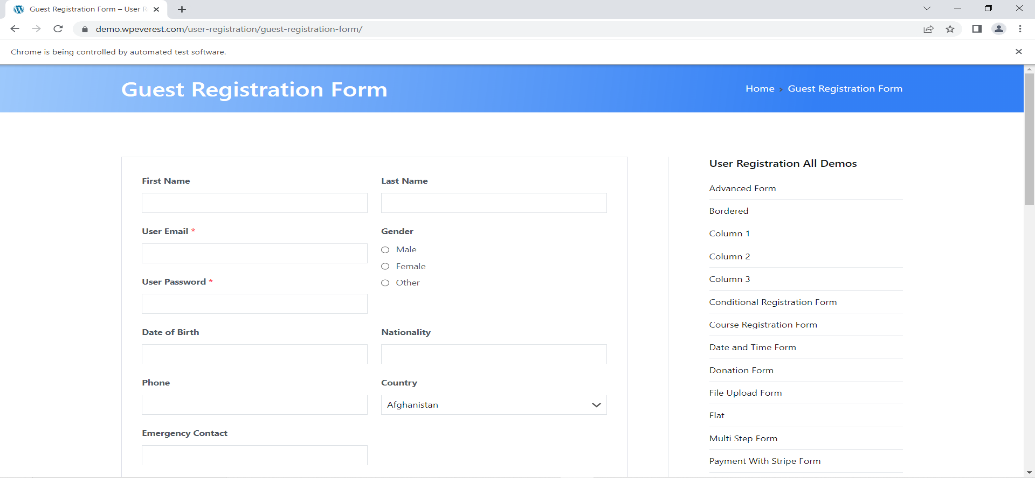
System.***out***.println(str);

String expected="Guest Registration Form - User Registration";

Assert.*assertEquals*(str,expected);

}

}

**OUTPUT**

**EX2**

**package** Pack1;

**import** java.util.Scanner;

**import** org.testng.Assert;

**import** org.testng.annotations.BeforeSuite;

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

**public** **class** task2 {

**int** a,b,c;

@BeforeSuite

**void** getdata()

{

a=7;

b=4;

}

@Test(priority=4)

**public** **void** add() {

c=a+b;

Assert.*assertEquals*(c,11);

}

@Test(priority=3)

**public** **void** subtract() {

c=a-b;

Assert.*assertEquals*(c,3);

}

@Test(priority=2)

**public** **void** multiply() {

c=a\*b;

Assert.*assertEquals*(c,28);

}

@Test(priority=1)

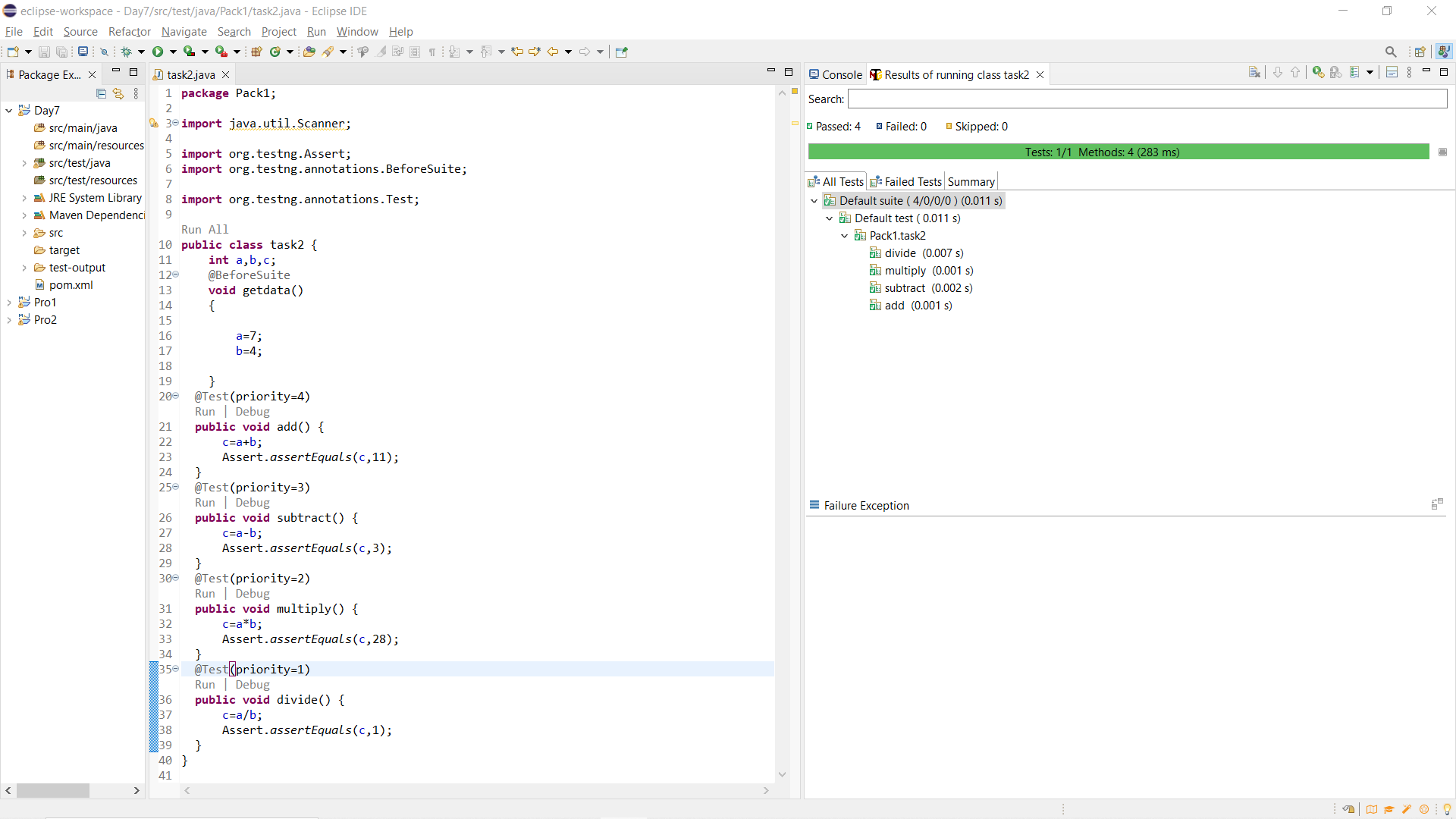
**public** **void** divide() {

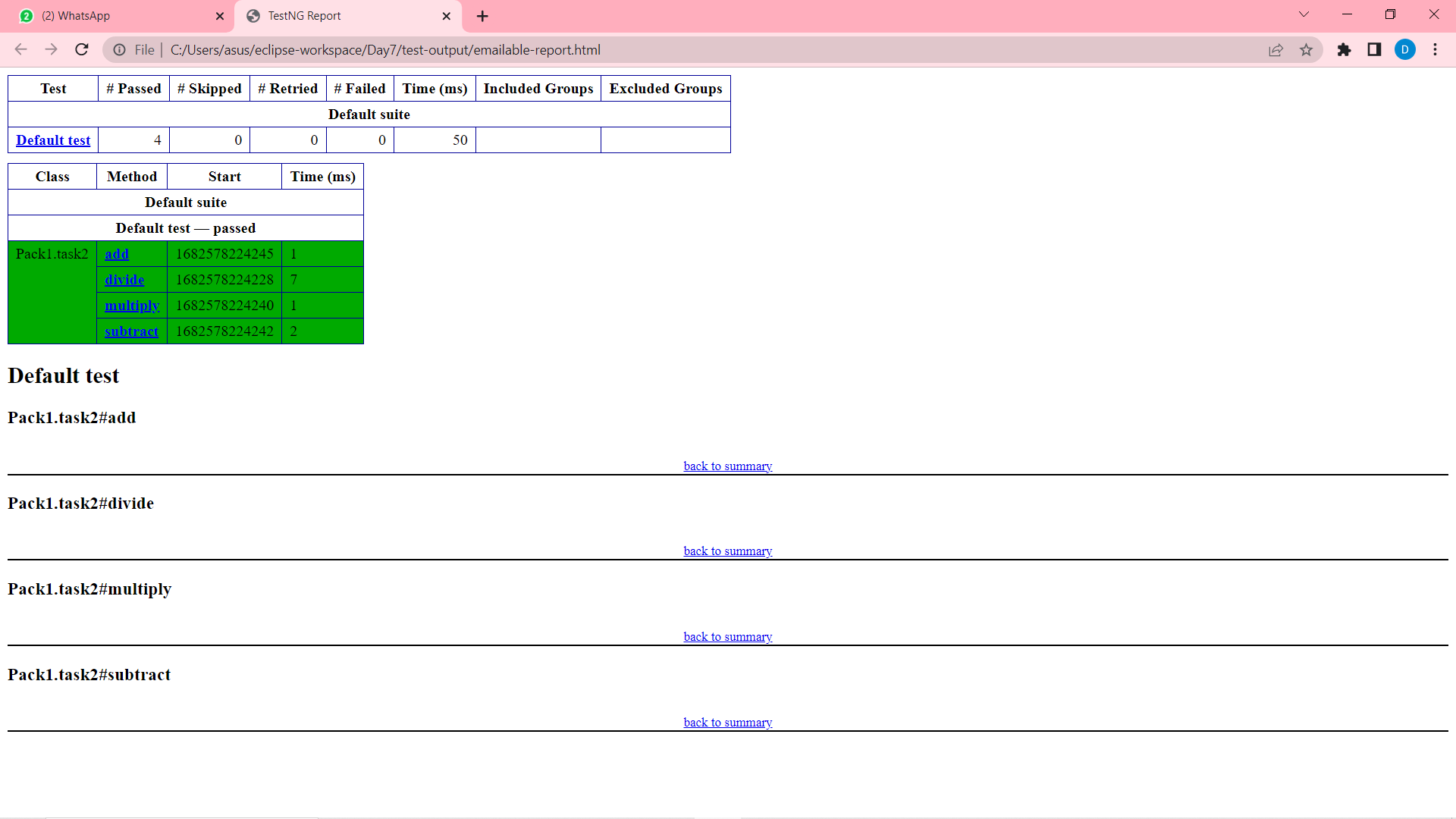
c=a/b;

Assert.*assertEquals*(c,1);

}

}

**OUTPUT:**

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**EX3:**

**package** Pack1;

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

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

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

**import** org.testng.annotations.AfterMethod;

**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;

**public** **class** task3 {

WebDriver driver;

@Test

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

Thread.*sleep*(3000);

WebElement userName = driver.findElement(By.*name*("username"));

WebElement password = driver.findElement(By.*name*("password"));

WebElement submit = driver.findElement(By.*xpath*("//\*[@class='oxd-button oxd-button--medium oxd-button--main orangehrm-login-button']"));

userName.sendKeys("Admin");

password.sendKeys("admin123");

submit.click();

Thread.*sleep*(3000);

String expectedURL = "https://opensource-demo.orangehrmlive.com/web/index.php/dashboard/index";

String actualURL = driver.getCurrentUrl();

Assert.*assertEquals*(expectedURL, actualURL);

}

@BeforeMethod

**public** **void** setup() {

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

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

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

driver = **new** ChromeDriver(co);

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

String url = "https://opensource-demo.orangehrmlive.com/web/index.php/auth/login";

driver.get(url);

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

}

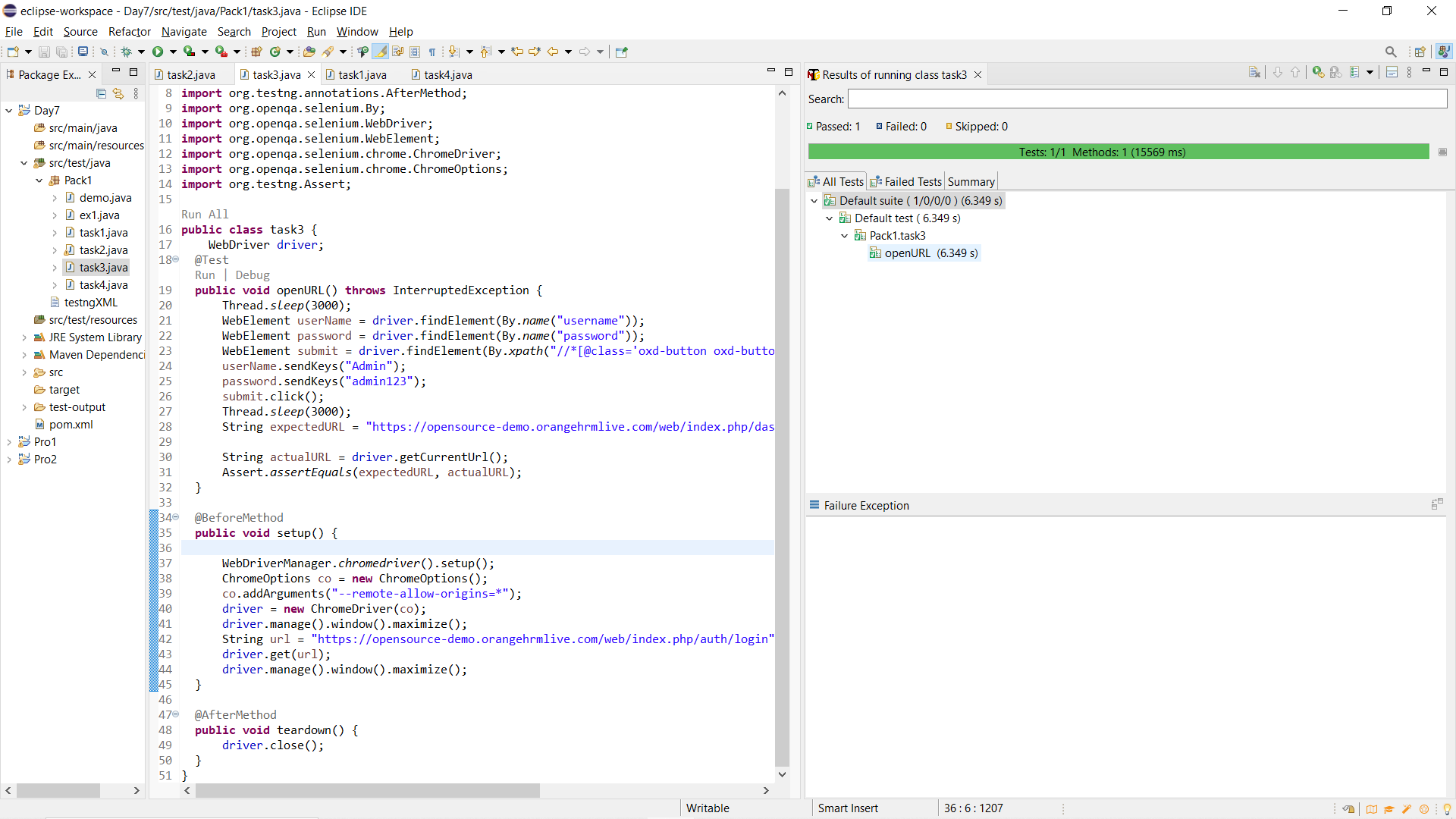
@AfterMethod

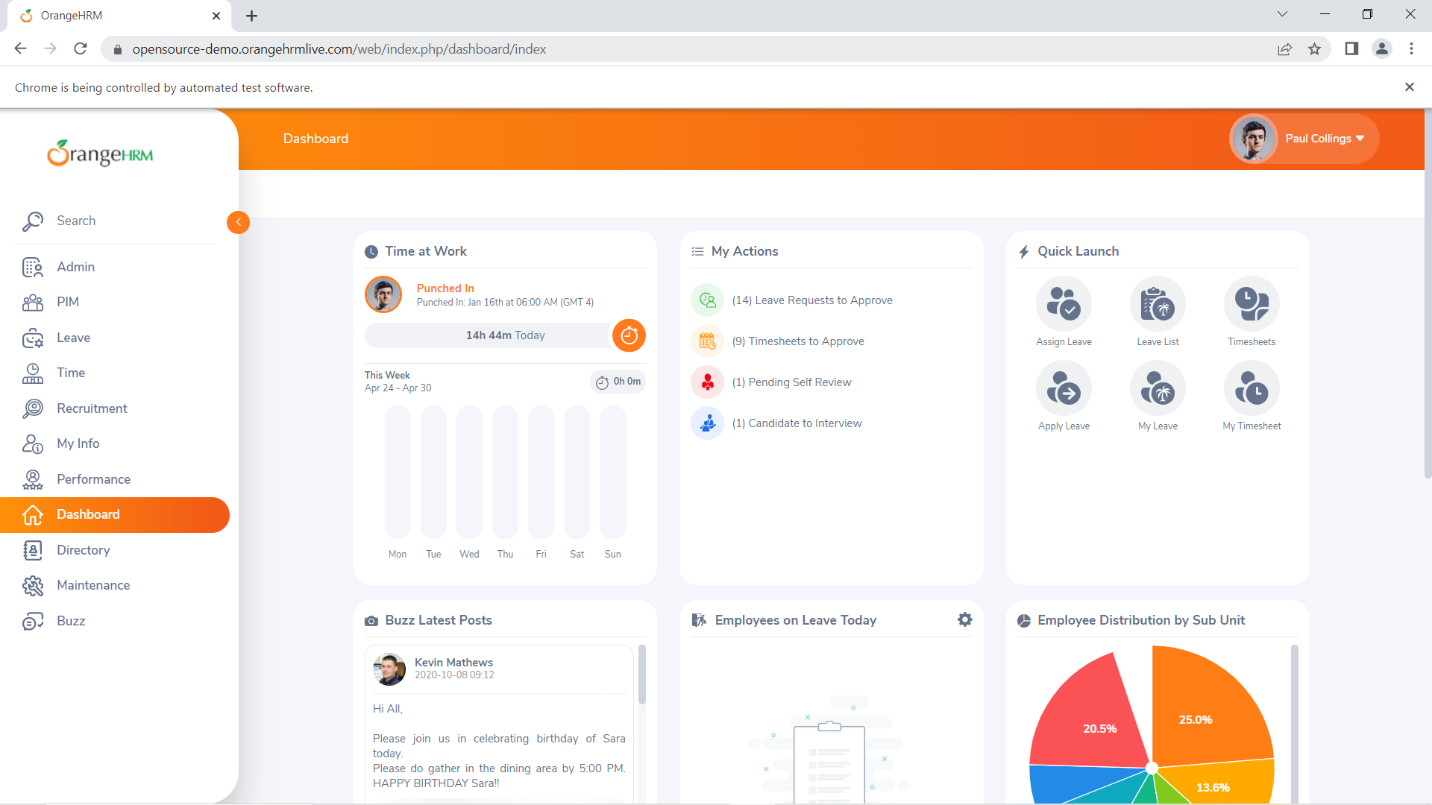
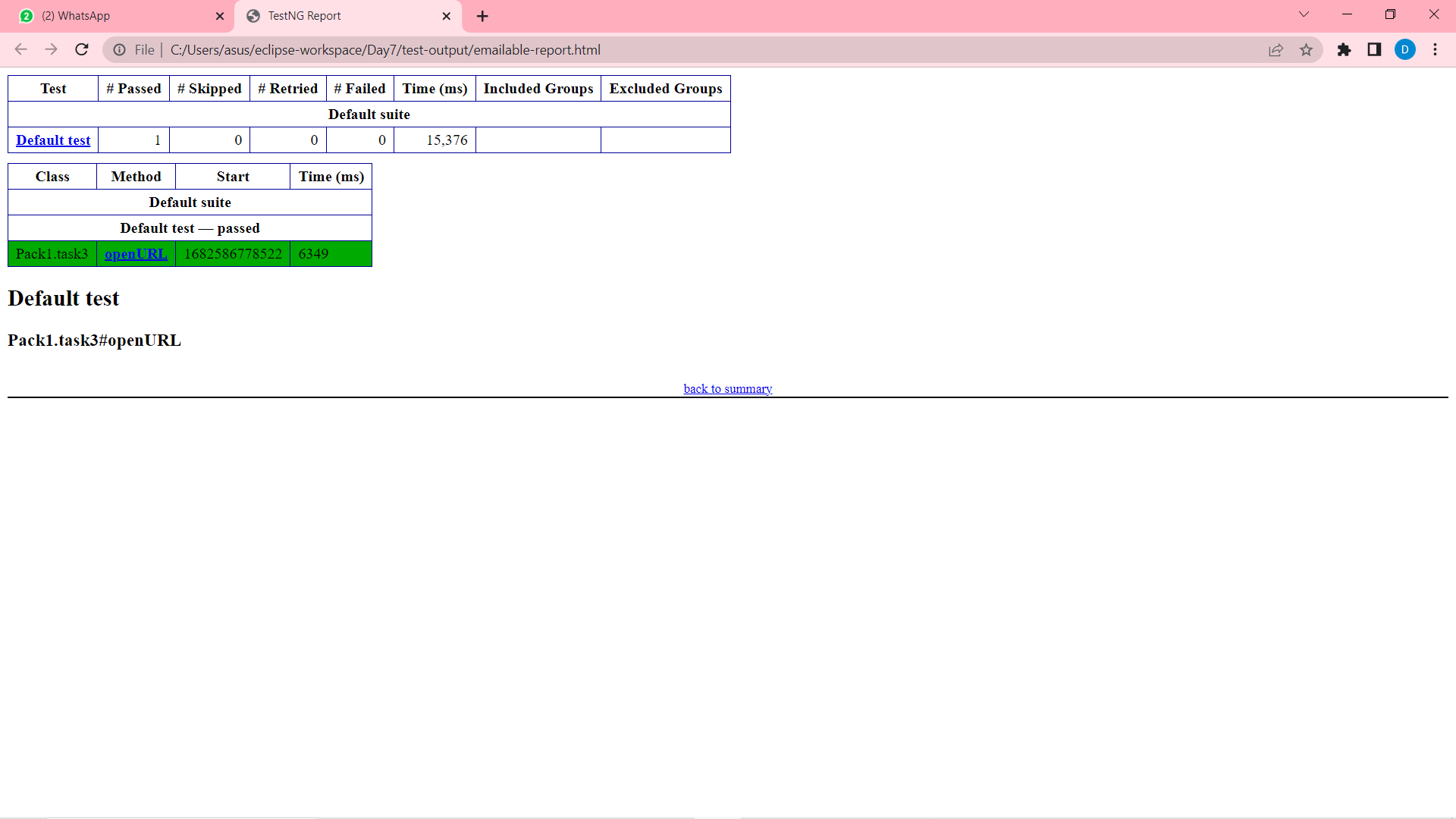
**public** **void** teardown() {

driver.close();

}

}

**OUTPUT:**

****

**EX4**

**package** Pack1;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.edge.EdgeDriver;

**import** org.openqa.selenium.edge.EdgeOptions;

**import** org.testng.Assert;

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

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

**public** **class** task4 {

EdgeDriver driver = **new** EdgeDriver();

@Test

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

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

EdgeOptions co = **new** EdgeOptions();

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

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

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

Thread.*sleep*(6000);

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");

String str = driver.getCurrentUrl();

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

String after = driver.getCurrentUrl();

Assert.*assertNotEquals*(str, after);

}

@Test(dependsOnMethods="LoginPage")

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

Thread.*sleep*(6000);

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

String before = driver.getCurrentUrl();

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

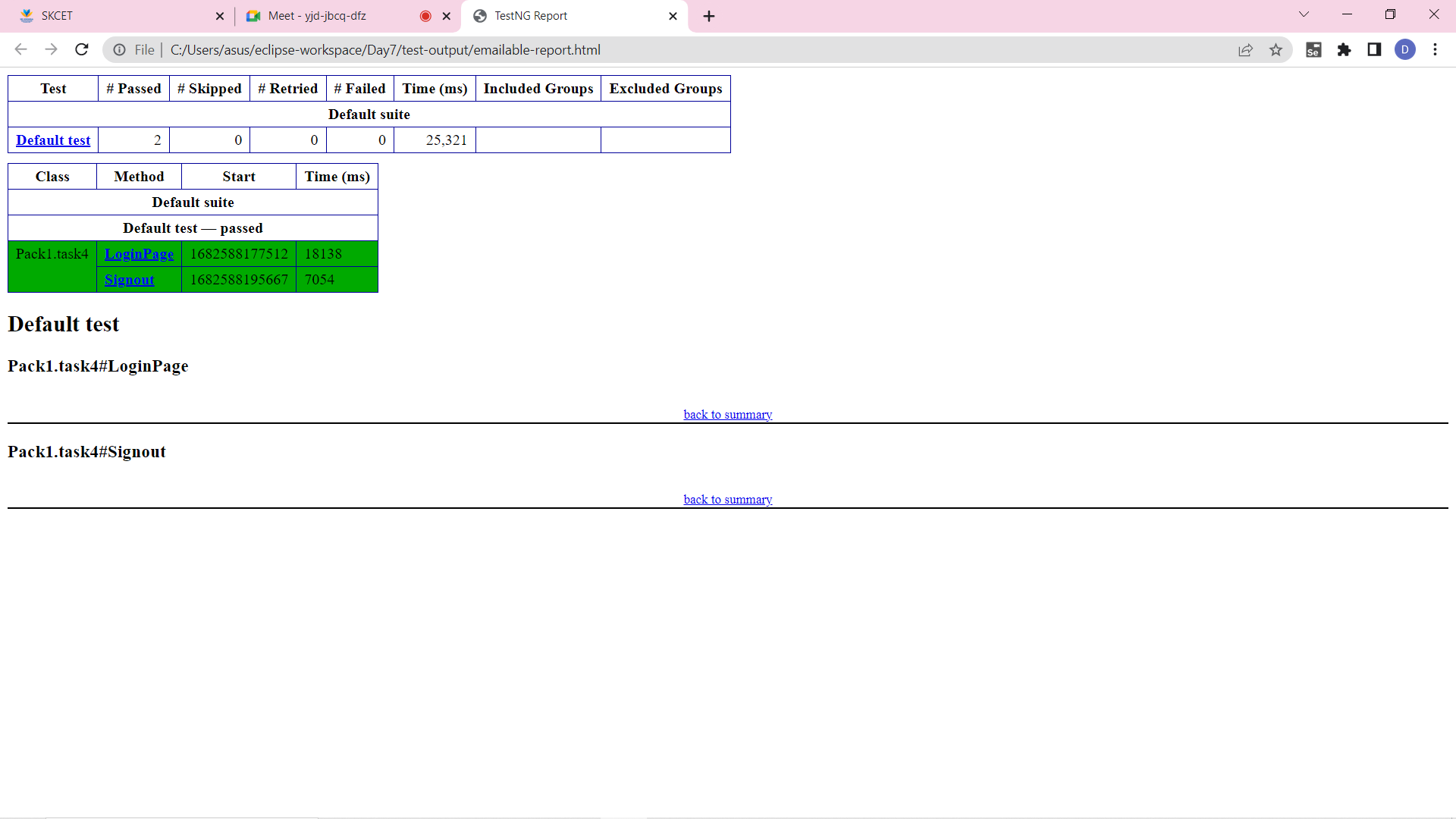
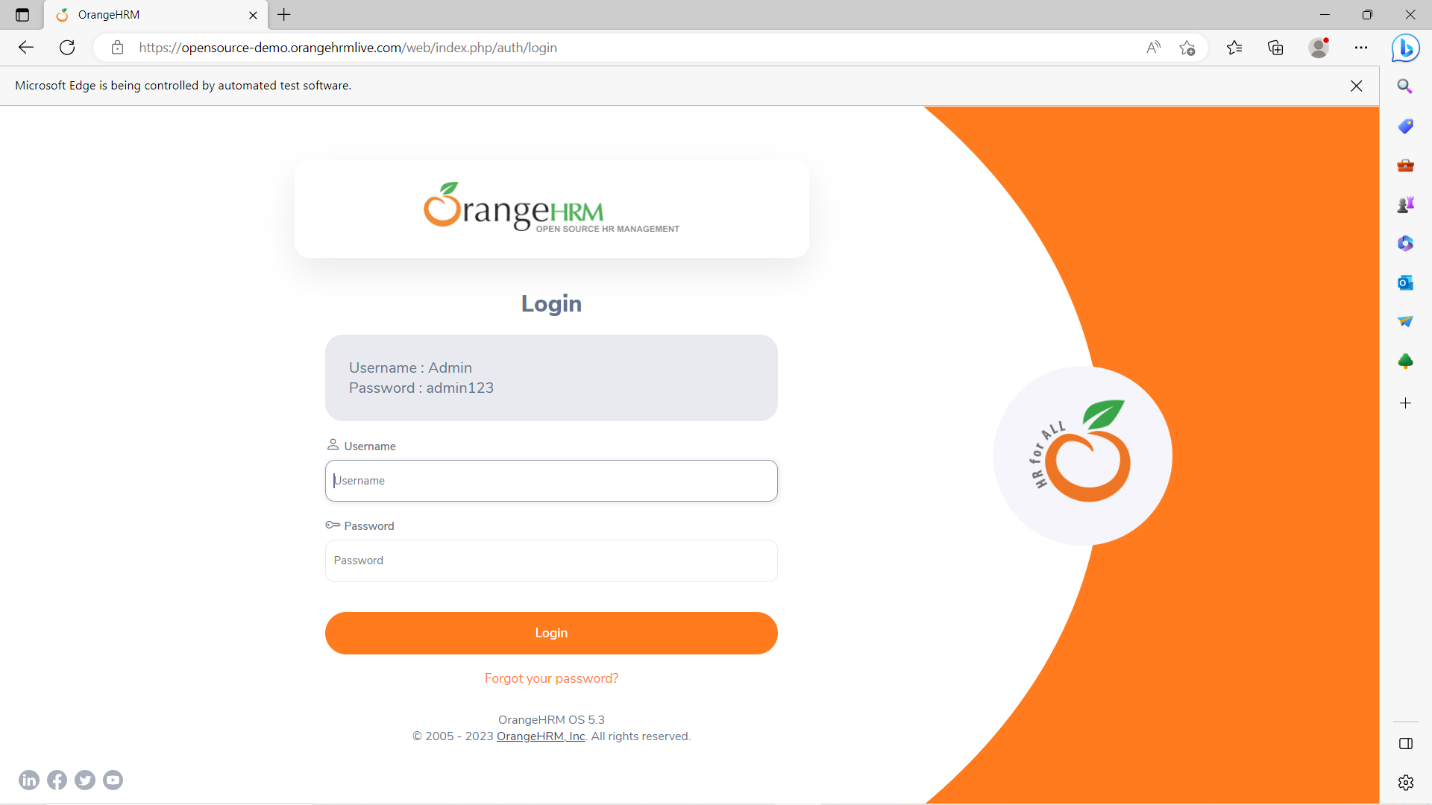
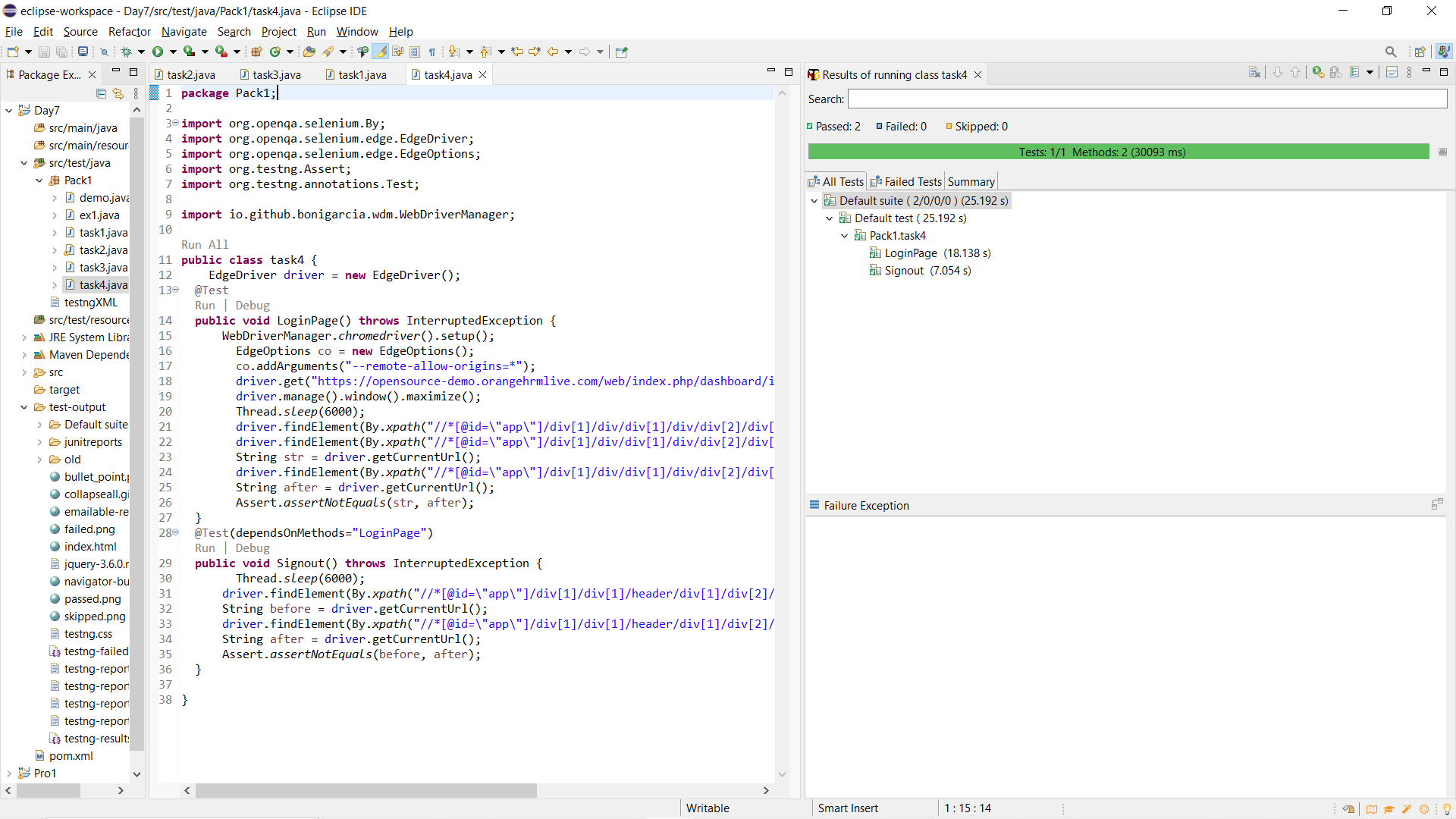
String after = driver.getCurrentUrl();

Assert.*assertNotEquals*(before, after);

}

}

**OUTPUT:**

****

**EX 5**

**package** Pack1;

**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.BeforeSuite;

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

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

**public** **class** task5 {

WebDriver driver;

// @BeforeSuite

//

// public void start(){

// WebDriverManager.chromedriver().setup();

// ChromeOptions co=new ChromeOptions();

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

// driver=new ChromeDriver(co);

// }

@Test(groups="SmokeTest")

**public** **void** Test1() **throws** InterruptedException {

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

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

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

driver=**new** ChromeDriver(co);

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

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

String actTit=driver.getTitle();

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

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

Assert.*assertEquals*(actTit,expTit);

Thread.*sleep*(1500);

driver.close();

}

@Test(groups="RegressionTest")

**public** **void** Test2() **throws** InterruptedException {

// WebDriverManager.chromedriver().setup();

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

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

driver=**new** ChromeDriver(co);

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

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

driver.manage().timeouts().~~implicitlyWait~~(1000,TimeUnit.***MILLISECONDS***);

WebElement c1=driver.findElement(By.*xpath*("//\*[@id=\"id-631b049a-e9c0-4d24-8710-c504745206dd\"]/button"));

c1.click();

Thread.*sleep*(1000);

WebElement c2=driver.findElement(By.*xpath*("//\*[@id=\"id-631b049a-e9c0-4d24-8710-c504745206dd\"]/div[2]/div[1]/ul/li[1]"));

c2.click();

Thread.*sleep*(1000);

WebElement c3=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"));

c3.click();

Thread.*sleep*(1000);

driver.close();

}

@Test(groups="RegressionTest")

**public** **void** Test3() **throws** InterruptedException {

// WebDriverManager.chromedriver().setup();

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

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

driver=**new** ChromeDriver(co);

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

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

driver.manage().timeouts().~~implicitlyWait~~(1000,TimeUnit.***MILLISECONDS***);

Thread.*sleep*(1000);

WebElement c1=driver.findElement(By.*xpath*("//\*[@id=\"id-631b049a-e9c0-4d24-8710-c504745206dd\"]/button"));

c1.click();

Thread.*sleep*(1000);

WebElement c2=driver.findElement(By.*xpath*("//\*[@id=\"id-631b049a-e9c0-4d24-8710-c504745206dd\"]/div[2]/div[1]/ul/li[1]"));

c2.click();

Thread.*sleep*(1000);

WebElement c3=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"));

c3.click();

Thread.*sleep*(2000);

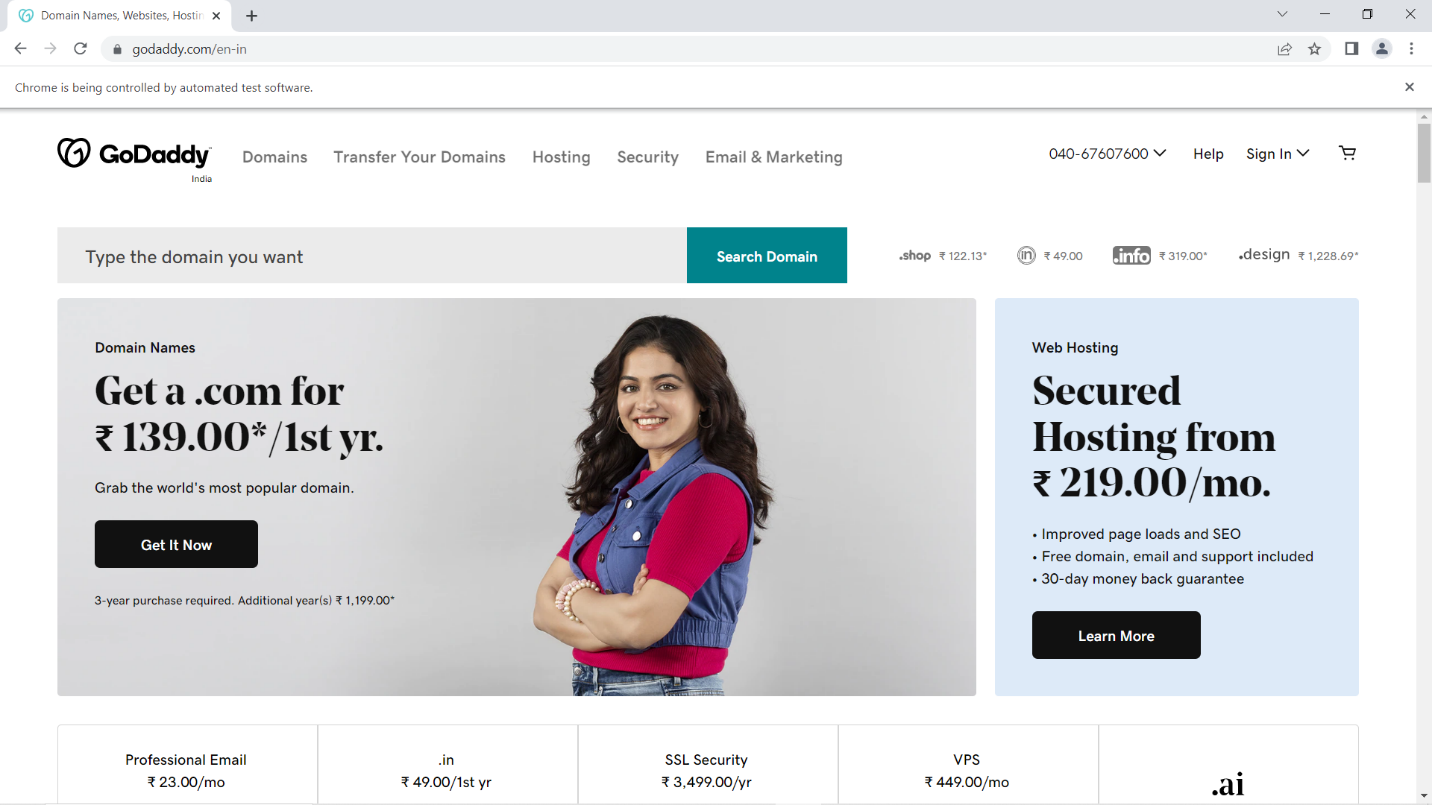
String x=driver.getTitle();

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

}

}

**OUTPUT:**

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