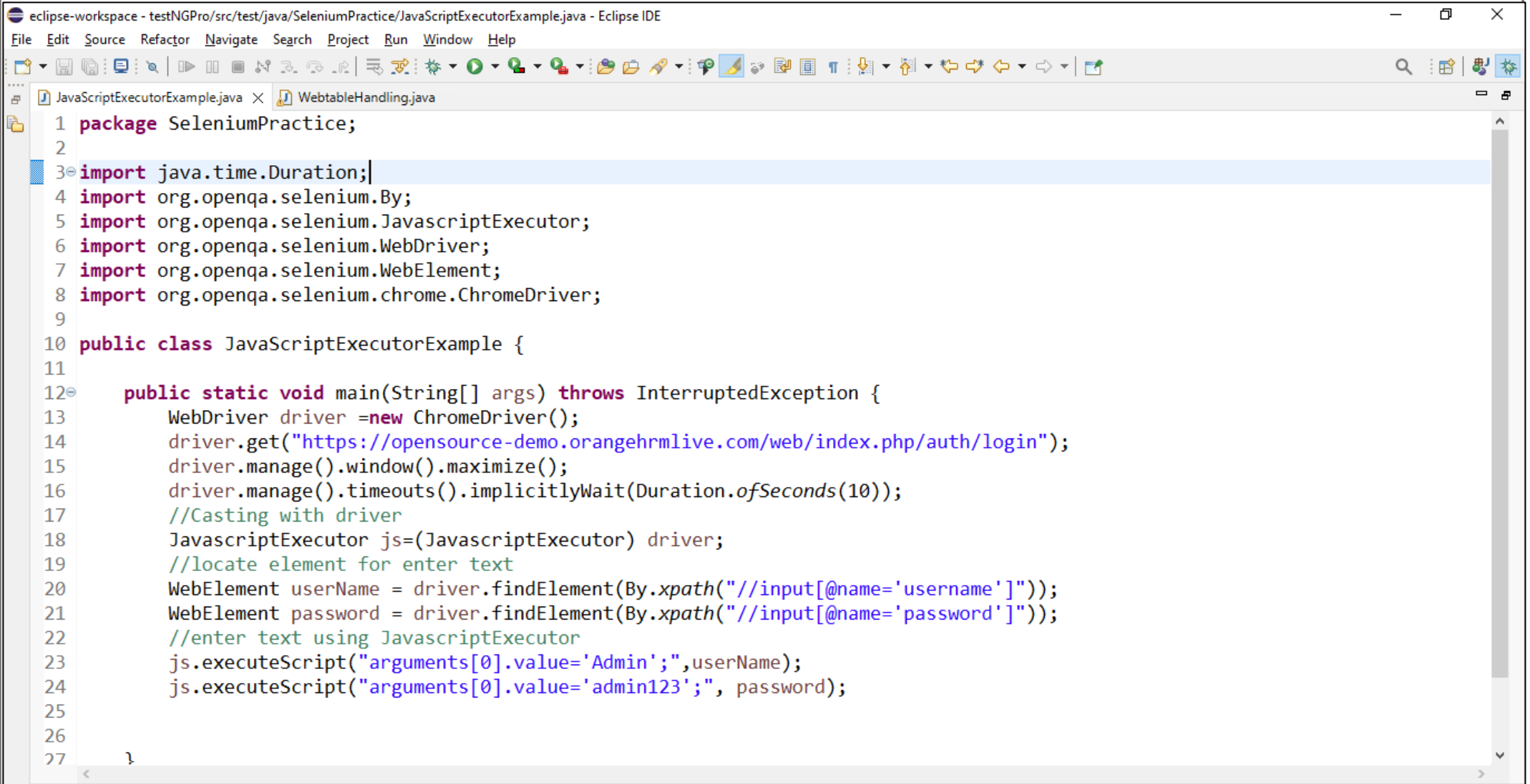


1. To Click on a Button

```
1 package SeleniumPractice;
2
3 import java.time.Duration;
4
5 import org.openqa.selenium.By;
6 import org.openqa.selenium.JavascriptExecutor;
7 import org.openqa.selenium.WebDriver;
8 import org.openqa.selenium.WebElement;
9 import org.openqa.selenium.chrome.ChromeDriver;
10
11 public class JavaScriptExecutorExample {
12
13     public static void main(String[] args) {
14         WebDriver driver =new ChromeDriver();
15         driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
16         driver.manage().window().maximize();
17         driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));
18         //Locate the target element for click
19         WebElement loginBtn = driver.findElement(By.xpath("//button[text()=' Login ']"));
20         //Up casting JavascriptExecutor with driver
21         JavascriptExecutor js=(JavascriptExecutor) driver;
22         //Click element by JavascriptExecutor
23         js.executeScript("arguments[0].click();", loginBtn);
24
25     }
26
27 }
```

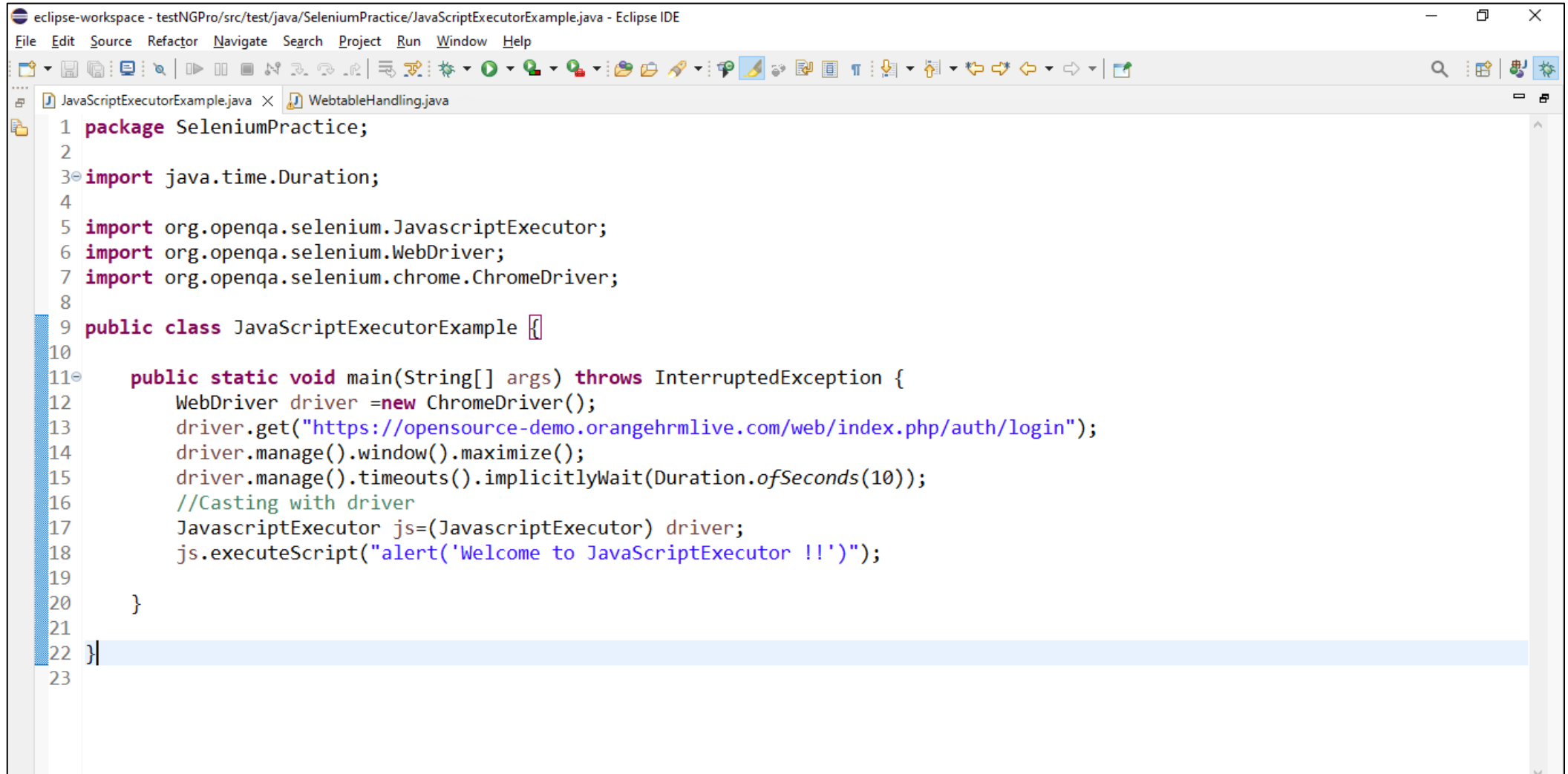
2. To Type Text in a Text Box without using sendKeys() method



```
eclipse-workspace - testNGPro/src/test/java/SeleniumPractice/JavaScriptExecutorExample.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

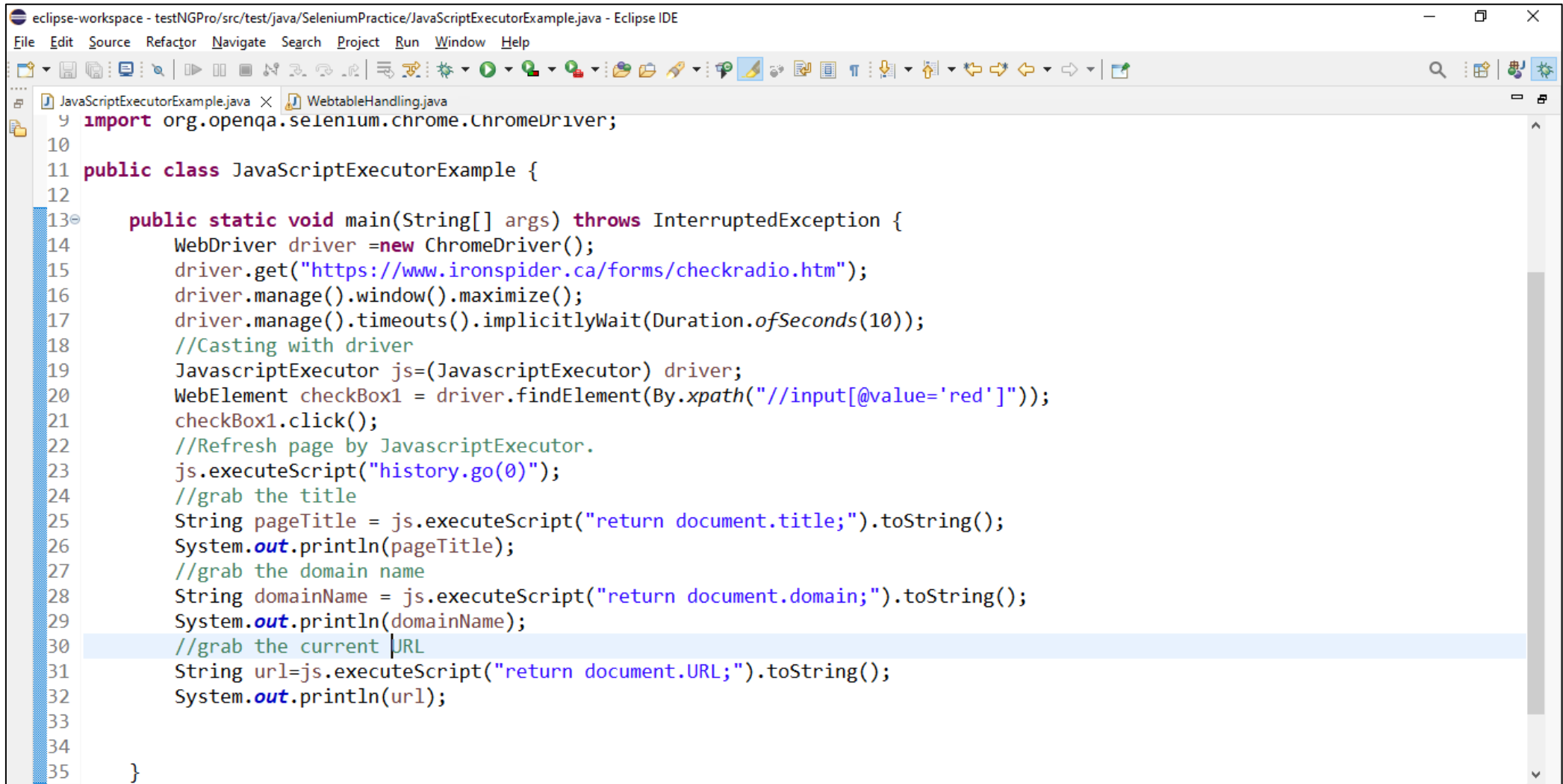
JavaScriptExecutorExample.java x WebtableHandling.java
1 package SeleniumPractice;
2
3 import java.time.Duration;
4 import org.openqa.selenium.By;
5 import org.openqa.selenium.JavascriptExecutor;
6 import org.openqa.selenium.WebDriver;
7 import org.openqa.selenium.WebElement;
8 import org.openqa.selenium.chrome.ChromeDriver;
9
10 public class JavaScriptExecutorExample {
11
12     public static void main(String[] args) throws InterruptedException {
13         WebDriver driver = new ChromeDriver();
14         driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
15         driver.manage().window().maximize();
16         driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));
17         //Casting with driver
18         JavascriptExecutor js=(JavascriptExecutor) driver;
19         //locate element for enter text
20         WebElement userName = driver.findElement(By.xpath("//input[@name='username']"));
21         WebElement password = driver.findElement(By.xpath("//input[@name='password']"));
22         //enter text using JavascriptExecutor
23         js.executeScript("arguments[0].value='Admin';",userName);
24         js.executeScript("arguments[0].value='admin123';", password);
25
26     }
27 }
```

3. To generate Alert Pop window in Selenium Webdriver



```
eclipse-workspace - testNGPro/src/test/java/SeleniumPractice/JavaScriptExecutorExample.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
JavaScriptExecutorExample.java x WebtableHandling.java
1 package SeleniumPractice;
2
3 import java.time.Duration;
4
5 import org.openqa.selenium.JavascriptExecutor;
6 import org.openqa.selenium.WebDriver;
7 import org.openqa.selenium.chrome.ChromeDriver;
8
9 public class JavaScriptExecutorExample {
10
11     public static void main(String[] args) throws InterruptedException {
12         WebDriver driver = new ChromeDriver();
13         driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");
14         driver.manage().window().maximize();
15         driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));
16         //Casting with driver
17         JavascriptExecutor js=(JavascriptExecutor) driver;
18         js.executeScript("alert('Welcome to JavaScriptExecutor !!')");
19     }
20 }
21
22 }
23
```

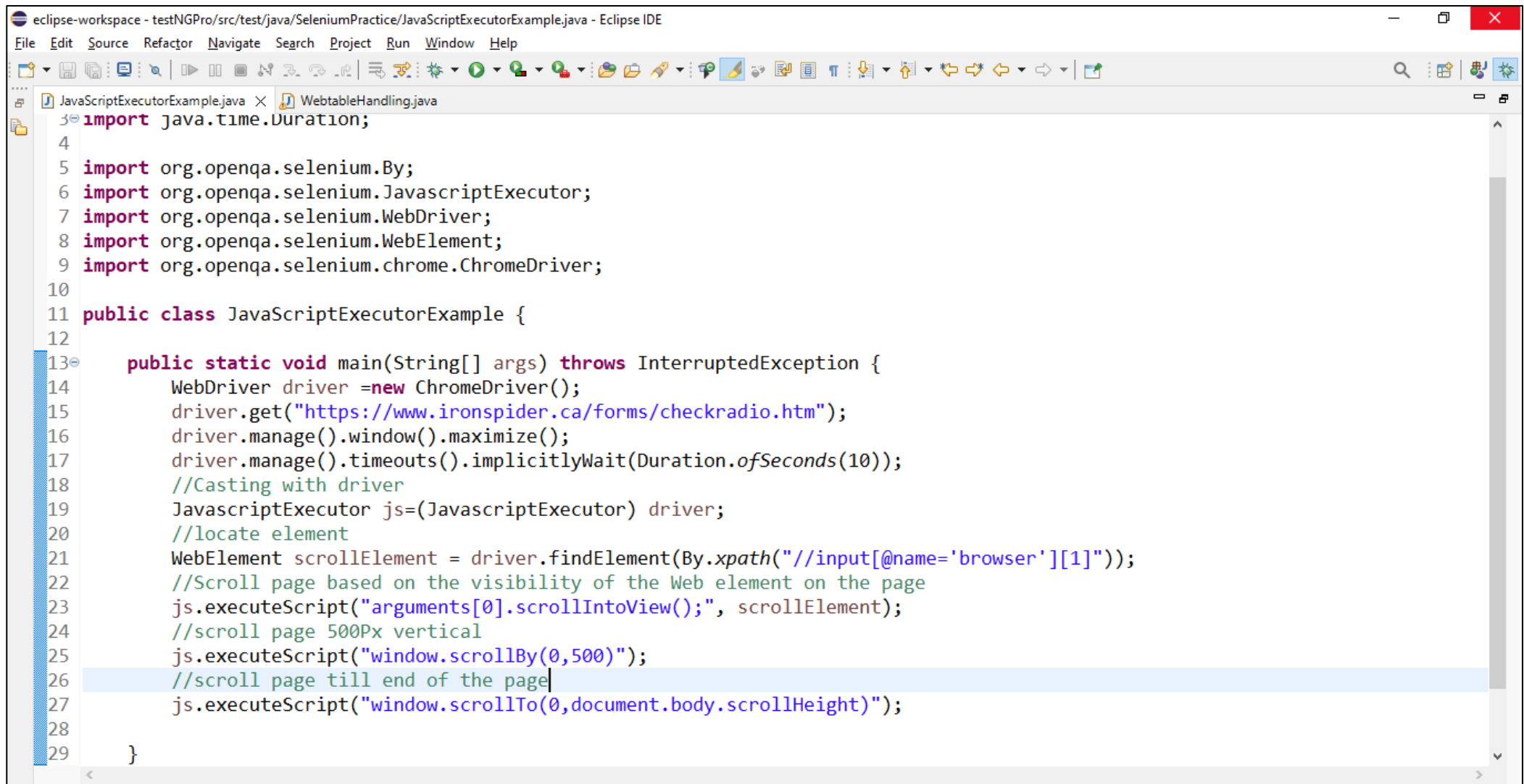
4. To get the Title, Domain name and URL of our webpage



```
eclipse-workspace - testNGPro/src/test/java/SeleniumPractice/JavaScriptExecutorExample.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

JavaScriptExecutorExample.java x WebtableHandling.java
9 import org.openqa.selenium.chrome.ChromeDriver;
10
11 public class JavaScriptExecutorExample {
12
13     public static void main(String[] args) throws InterruptedException {
14         WebDriver driver = new ChromeDriver();
15         driver.get("https://www.ironspider.ca/forms/checkradio.htm");
16         driver.manage().window().maximize();
17         driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));
18         //Casting with driver
19         JavascriptExecutor js = (JavascriptExecutor) driver;
20         WebElement checkBox1 = driver.findElement(By.xpath("//input[@value='red']"));
21         checkBox1.click();
22         //Refresh page by JavascriptExecutor.
23         js.executeScript("history.go(0)");
24         //grab the title
25         String pageTitle = js.executeScript("return document.title;").toString();
26         System.out.println(pageTitle);
27         //grab the domain name
28         String domainName = js.executeScript("return document.domain;").toString();
29         System.out.println(domainName);
30         //grab the current URL
31         String url = js.executeScript("return document.URL;").toString();
32         System.out.println(url);
33
34     }
35 }
```

5. To scroll the page vertically to the end and a specific web element.



```
eclipse-workspace - testNGPro/src/test/java/SeleniumPractice/JavaScriptExecutorExample.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

JavaScriptExecutorExample.java x WebtableHandling.java
import java.time.Duration;
4
5 import org.openqa.selenium.By;
6 import org.openqa.selenium.JavascriptExecutor;
7 import org.openqa.selenium.WebDriver;
8 import org.openqa.selenium.WebElement;
9 import org.openqa.selenium.chrome.ChromeDriver;
10
11 public class JavaScriptExecutorExample {
12
13     public static void main(String[] args) throws InterruptedException {
14         WebDriver driver =new ChromeDriver();
15         driver.get("https://www.ironspider.ca/forms/checkradio.htm");
16         driver.manage().window().maximize();
17         driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));
18         //Casting with driver
19         JavascriptExecutor js=(JavascriptExecutor) driver;
20         //locate element
21         WebElement scrollElement = driver.findElement(By.xpath("//input[@name='browser'][1]"));
22         //Scroll page based on the visibility of the Web element on the page
23         js.executeScript("arguments[0].scrollIntoView();", scrollElement);
24         //scroll page 500Px vertical
25         js.executeScript("window.scrollTo(0,500)");
26         //scroll page till end of the page
27         js.executeScript("window.scrollTo(0,document.body.scrollHeight)");
28
29     }
```