# **JavaScriptExecutor in Selenium**

### **What is JavaScriptExecutor in Selenium?**

JavaScriptExecutor is an interface that is used to execute JavaScriprt through selenium webdriver. JavaScript is a programming language that interacts with HTML in a browser, and to use this function in Selenium, JavascriptExecutor is required.

Import org.openqa.selenium.JavascriptExecutor;

// creating a reference

JavascriptExecutor js = (JavascriptExecutor) driver;

// calling the method

js.executeScript(script, args);

**Example 1. JavascriptExecutor in Selenium to refresh the browser window**

*JavascriptExecutor js = (JavascriptExecutor) driver;*

*js.executeScript(“location.reload()”);*

**Example 2. JavascriptExecutor in Selenium to send text**

*JavascriptExecutor js = (JavascriptExecutor) driver;*

*js.executeScript(“document.getElementByID(‘element id ’).value = ‘xyz’;”);*

**Example 3. Get Title of a WebPage**

*JavascriptExecutor js = (JavascriptExecutor)driver;*

*string sText = js.executeScript(“return document.title;”).toString();*

**Example 4. Scroll Page**

*JavascriptExecutor js = (JavascriptExecutor)driver;*

*//Vertical scroll – down by 150 pixels*

*js.executeScript(“window.scrollBy(0,150)”);*