**What is JavascriptExecutor?**

JavascriptExecutor is an interface that helps to execute javascript through Selenium WebDriver.

**When do we use javascript executor?**

In Selenium, we use locators like id, name, xpath, cssselector etc. But sometimes these locators can’t identify the elements. For example, in an autosuggest the elements can’t be identified and in those cases we use javascript executor to get the values from the elements.

**How to use JavascriptExecutor?**

JavascriptExecutor js = (JavascriptExecutor)driver;

Js.executeScript(script here);

**How do you get elements in javascript?**

document.getElementById();

document.getElementsByName()

document.getElementsByTagName()

document.getElementsByClassName()

**How do you scroll the scrollbar in selenium?**

If you want to scroll a particular element into view you can use the method

Arguments[0].scrollIntoView()

If you want to scroll to the bottom of the page you can use

window.scrollTo(0, document.body.scrollHeight)

If you want to scroll by a particular number of pixels you can use

window.scrollBy(0, no. of pixels)

**How to input text into a textbox without calling sendKeys() method?**

Using JavascriptExecutor we can input text into text box.

**package** Selenium;

**import** org.openqa.selenium.JavascriptExecutor;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.firefox.FirefoxDriver;

**public** **class** inputText {

**public** **static** **void** main(String[] args) {

System.*setProperty*("webdriver.gecko.driver", "C:\\BrowserDrivers\\geckodriver.exe");

WebDriver driver = **new** FirefoxDriver();

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

driver.get("file:///D:/Selenium%20Course/Java/index.html");

JavascriptExecutor js = (JavascriptExecutor)driver;

js.executeScript("document.getElementById('firstname').value = 'hello';");

}

}