1. How to handle ‘Text Boxes’ in Selenium WebDriver



1. How to handle ‘Basic HTML Controls’ in Selenium WebDriver

There are 6 types of ‘Basic HTML Controls’.

* Text boxes
* Links
* Buttons
* Radio buttons
* Check boxes
* Drop downs



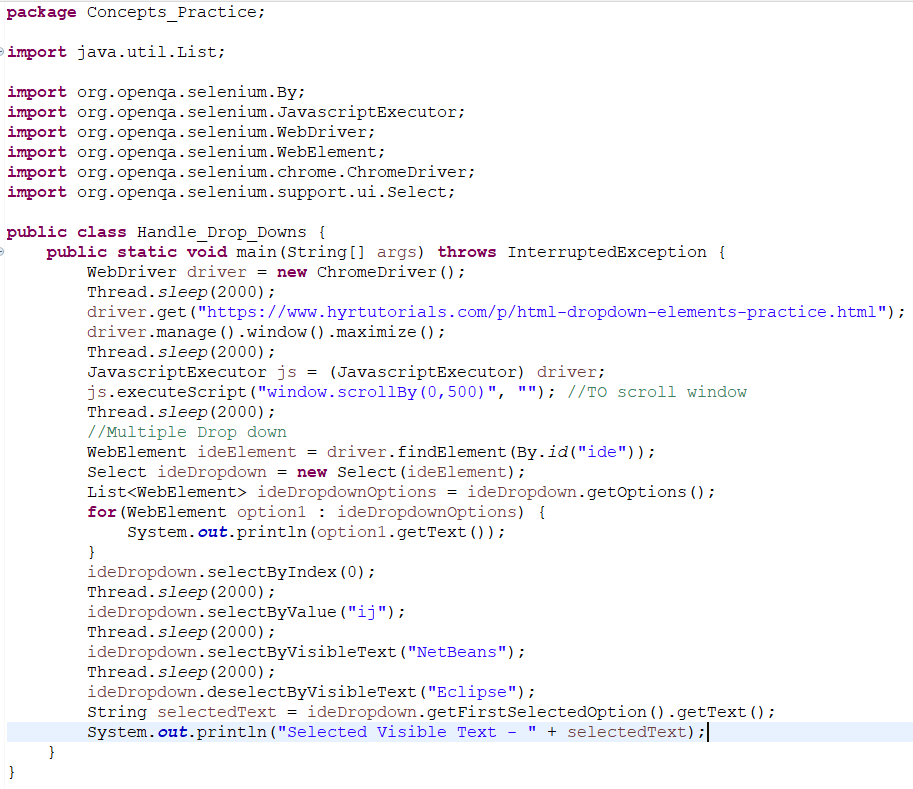
1. How to handle ‘Drop Downs’ in Selenium WebDriver

There are two types of drop downs.

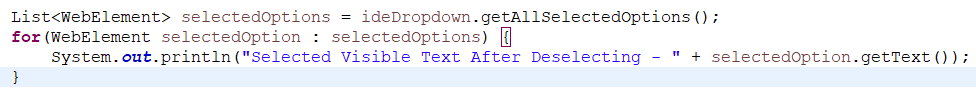
* Single Selection Drop down.



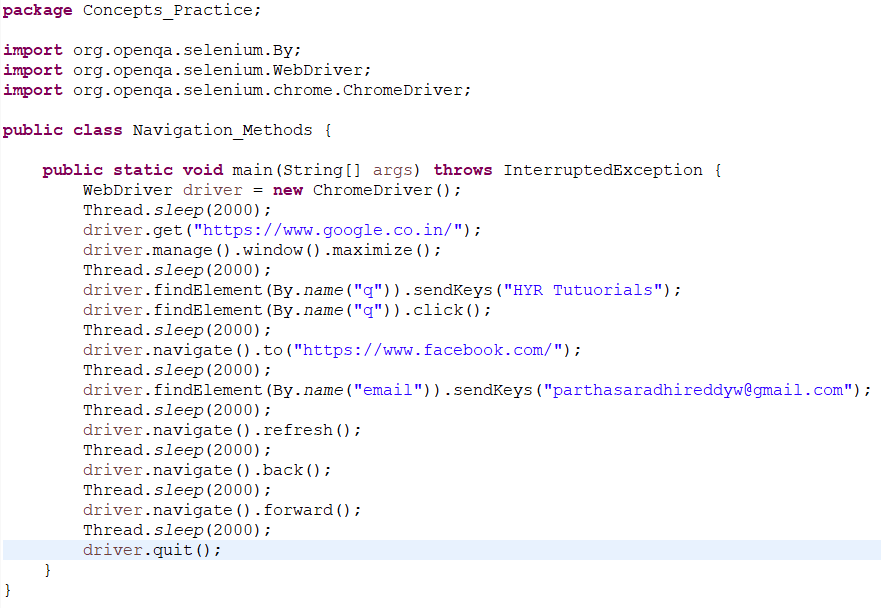
* Multi Selection Drop down



* Printing the selected values after deselecting –



1. Navigation Methods in Selenium WebDriver



1. How to handle Alerts in Web page in Selenium WebDriver

We can select any element in Alerts by three ways.

* Select by Value
* Select by Index
* Select by Visible Text



1. How to handle Multiple Windows in Selenium WebDriver

To handle windows, there are two ways.

* getwindowHandle()

It will return the current focused window handle.

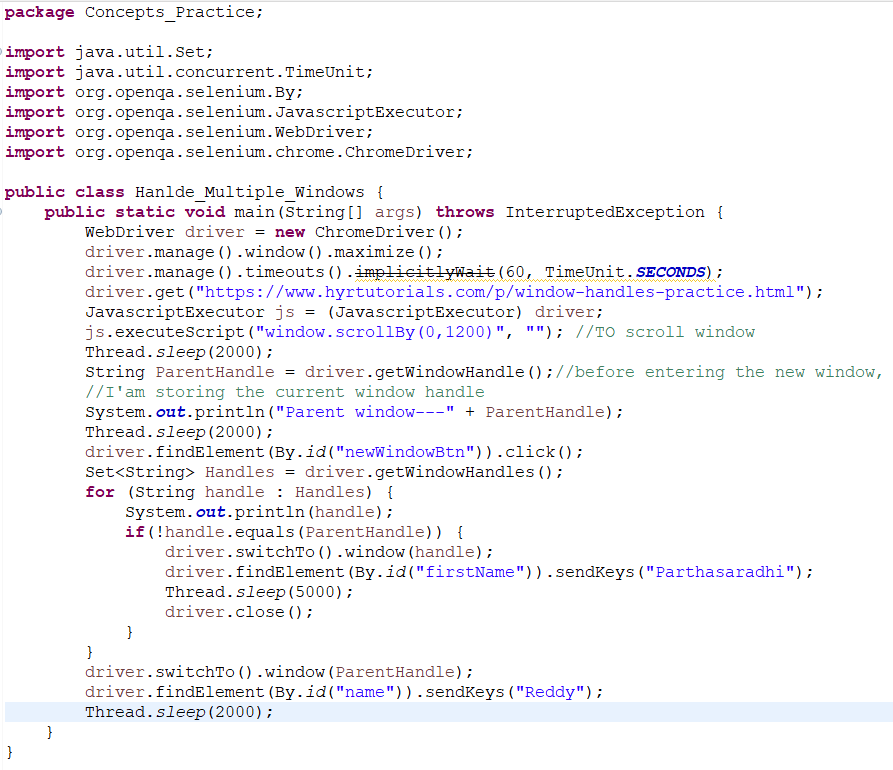
* getwindowHandles()

It will return both two window handles.

Set not allows duplicate but allows only unique values.

List allows duplicate values.

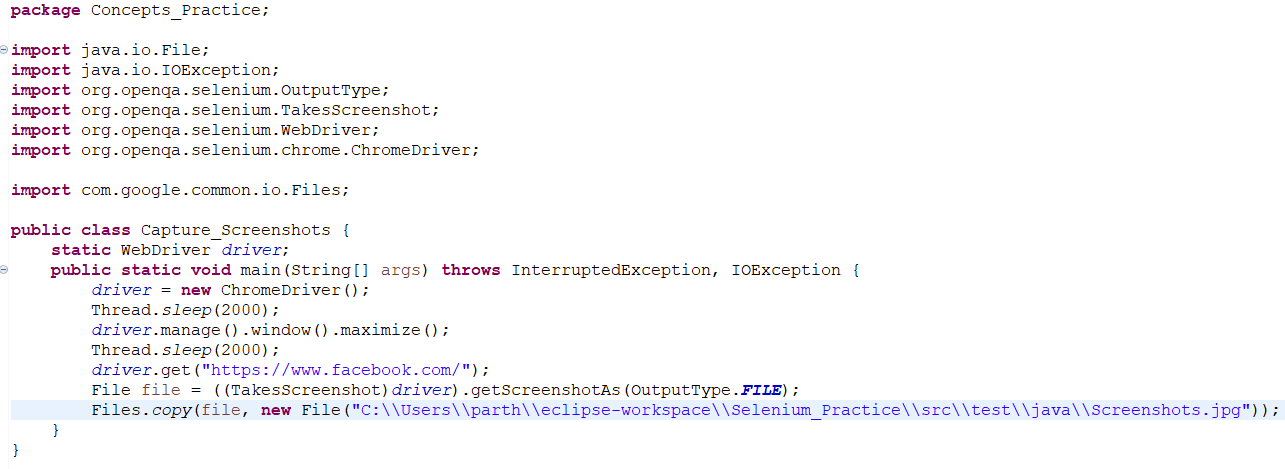
To store all the unique values, we need a set.



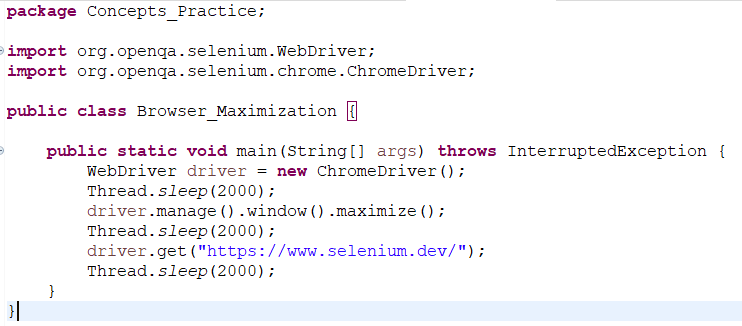
1. How to handle frames in a web page using Selenium WebDriver.



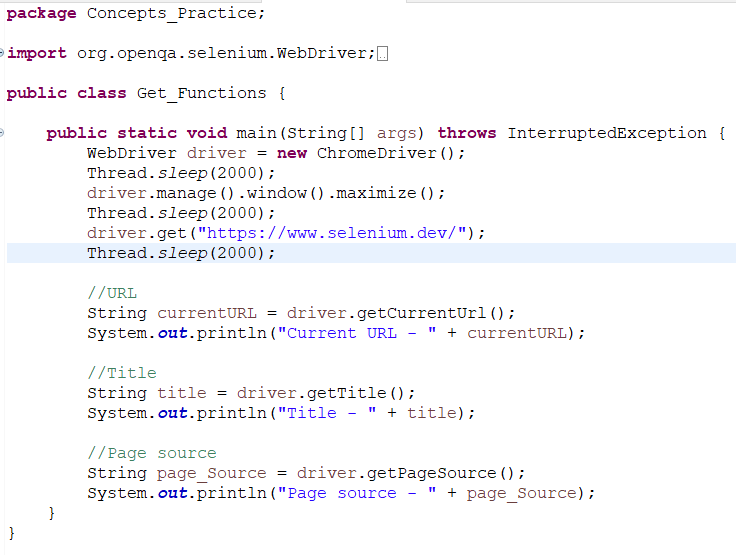
1. How to capture a screenshot of a webpage using Selenium WebDriver



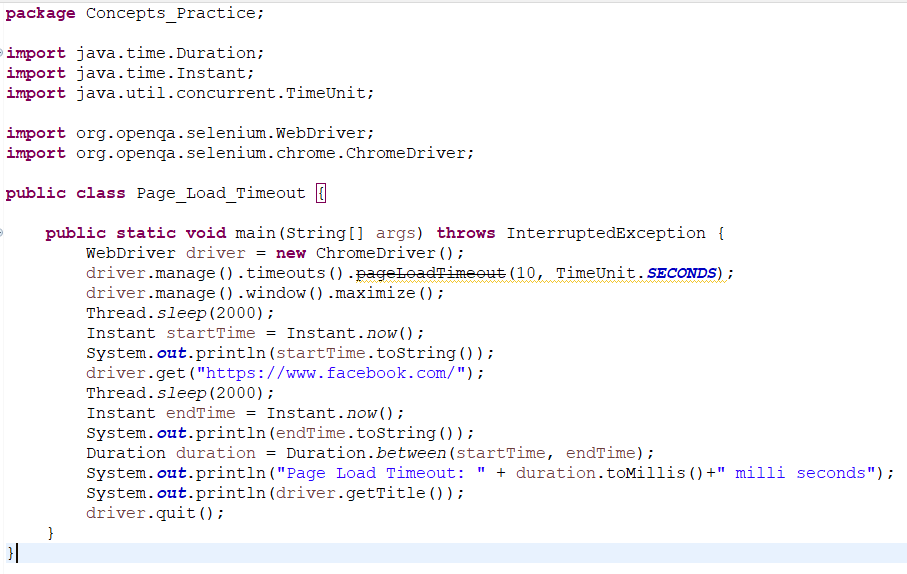
1. How to maximize browser window in Selenium WebDriver



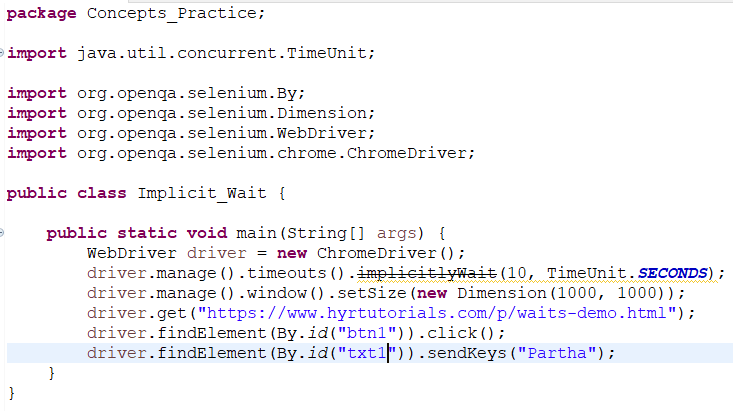
1. How to get URL, Title and Page Source using Selenium WebDriver



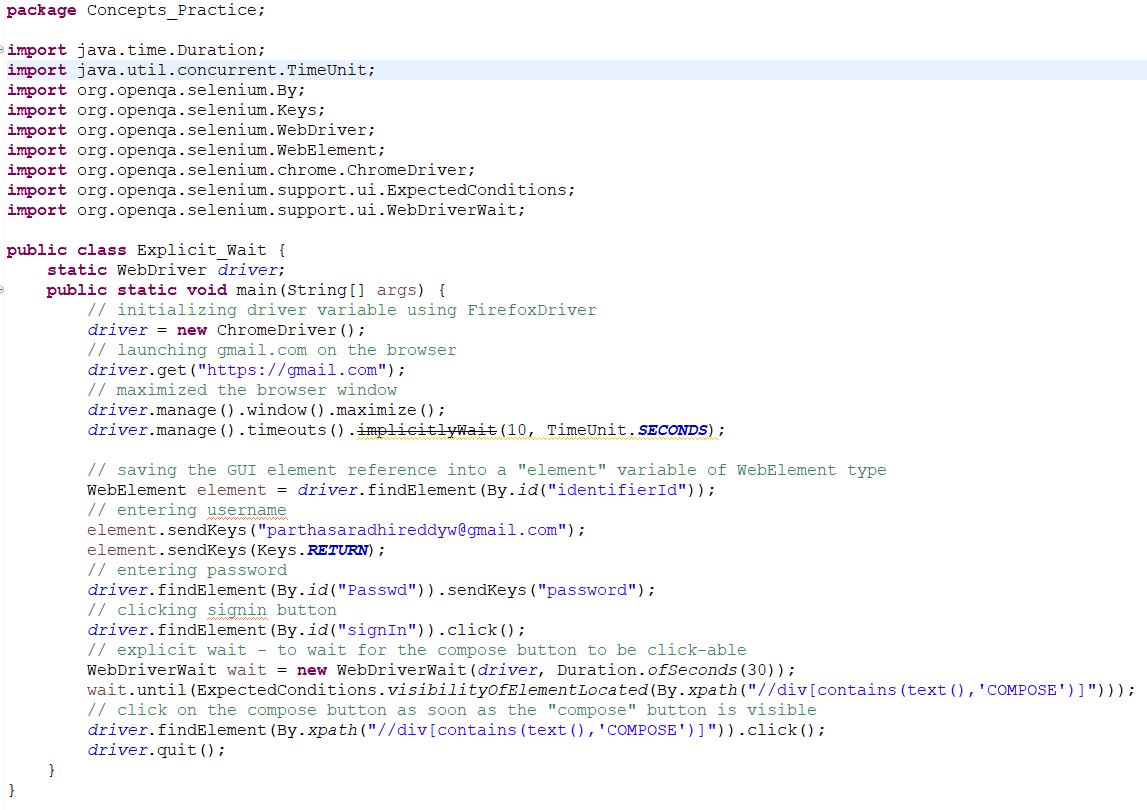
1. PageLoadTimeOut in Selenium WebDriver



1. Implicit Wait in Selenium WebDriver



1. Explicit Wait in Selenium WebDriver



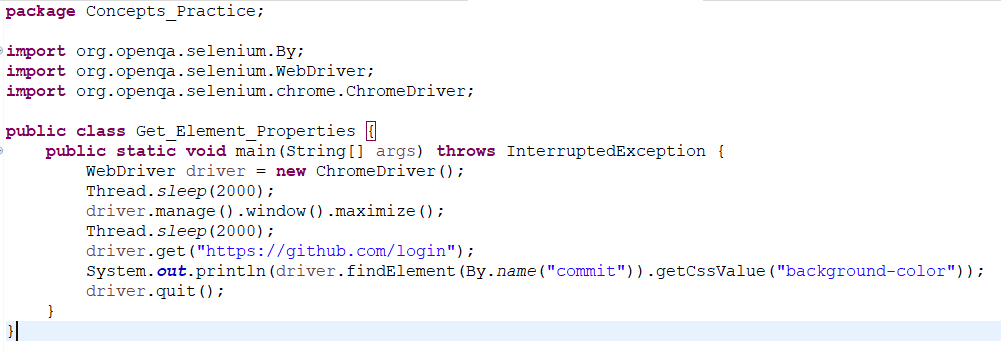
1. Mouse Actions in Selenium WebDriver

There are four types of Mouse Actions in Selenium WebDriver.

* Mouse hover / Move to element
* Click
* Double click
* Right click / Context click

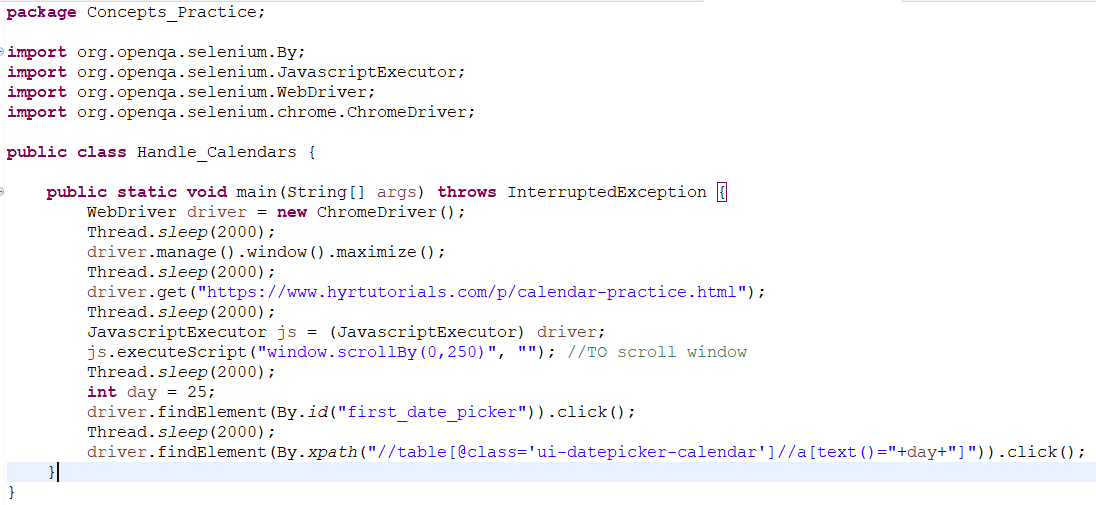


1. How to get WebElement properties in Selenium WebDriver

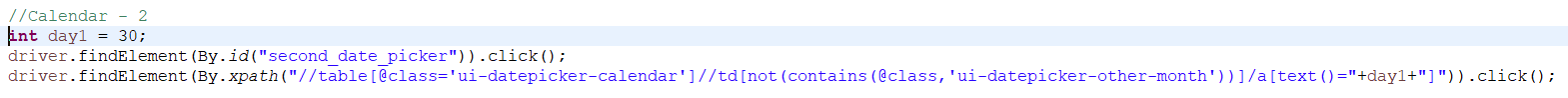


1. How to handle Calendars in Selenium WebDriver

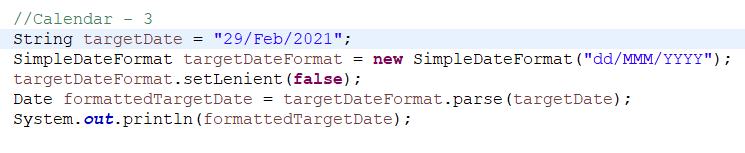
* Calendar – 1



* Calendar – 2

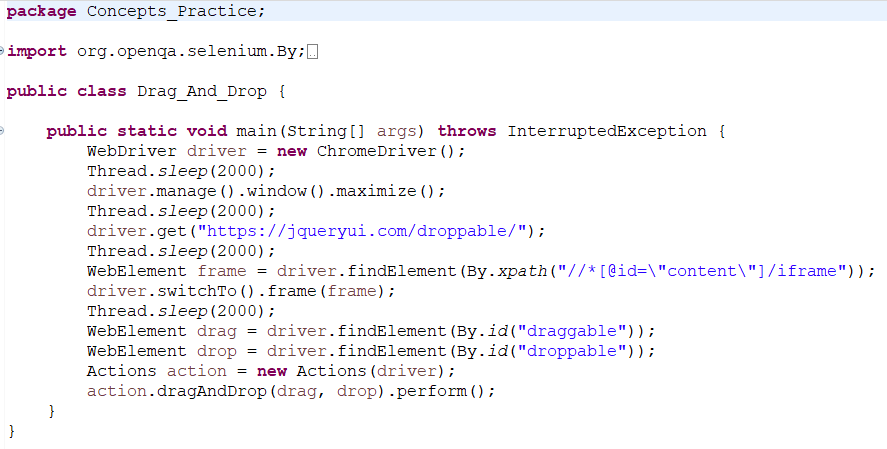


* Calendar – 3

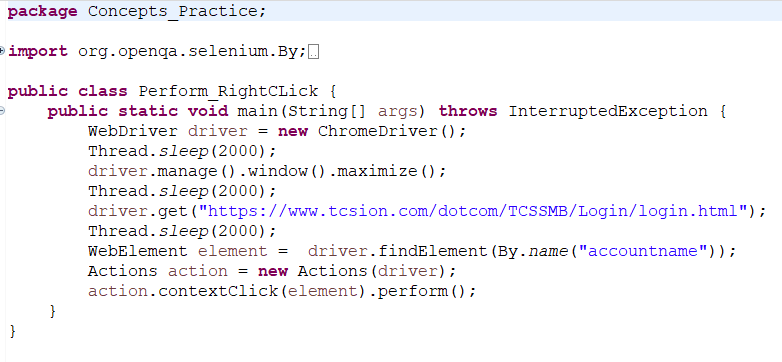




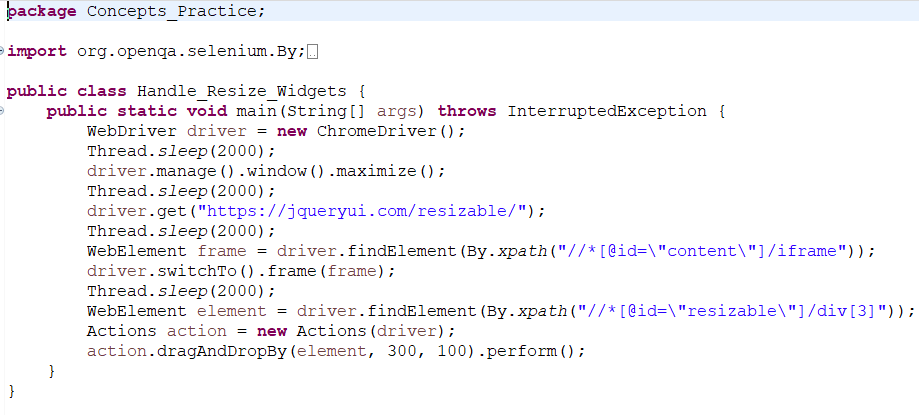
1. How to perform Drag and Drop in Selenium



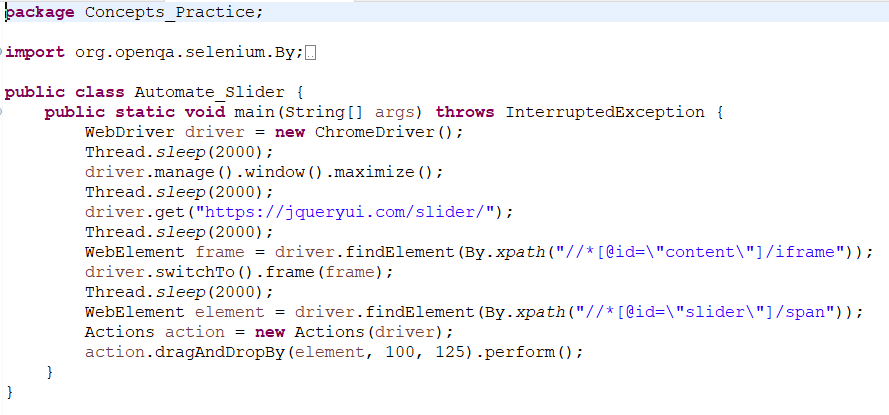
1. How to perform Right Click in Selenium



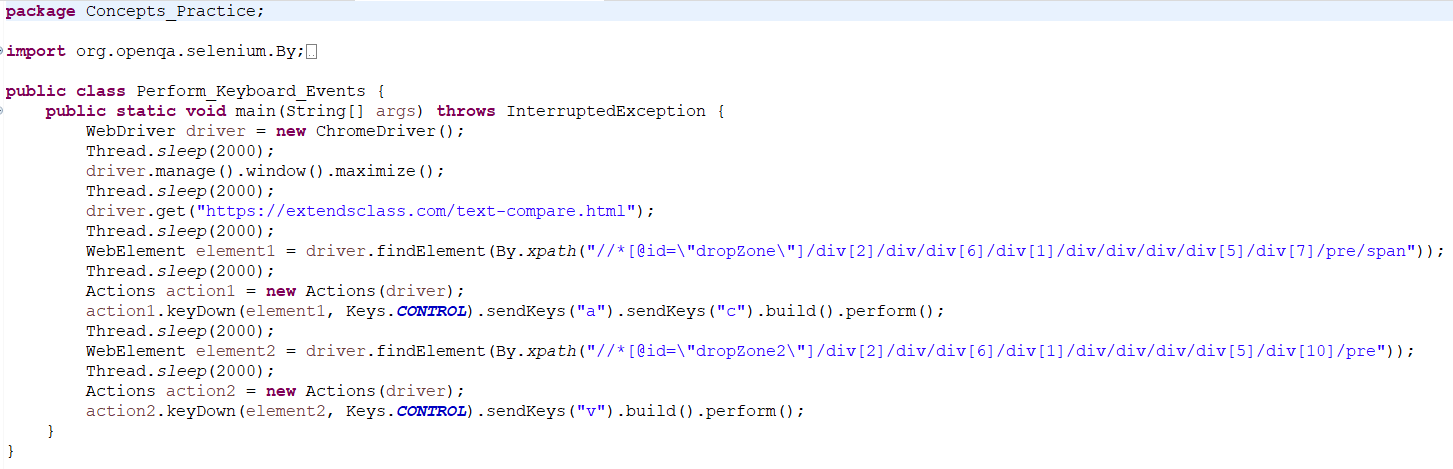
1. How to handle Resize Widget in Selenium



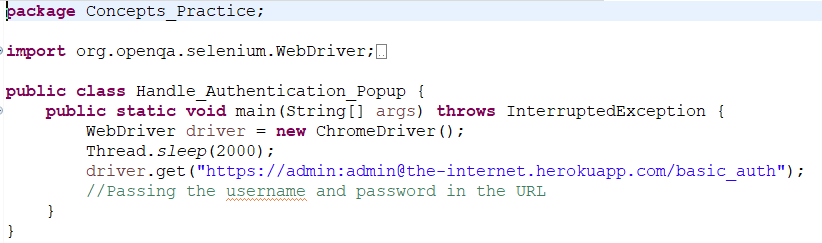
1. How to Automate Slider in Selenium



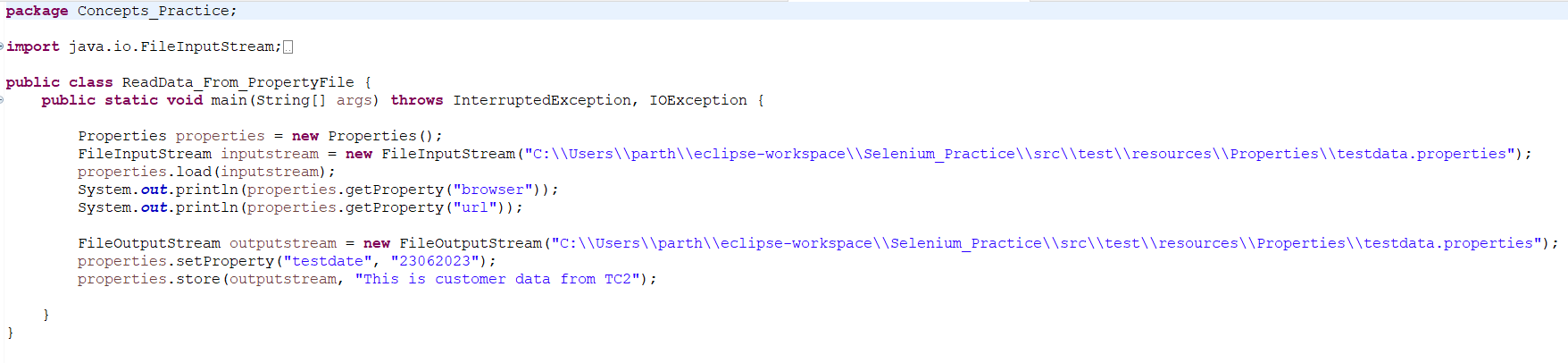
1. How to perform Key Board events in Selenium



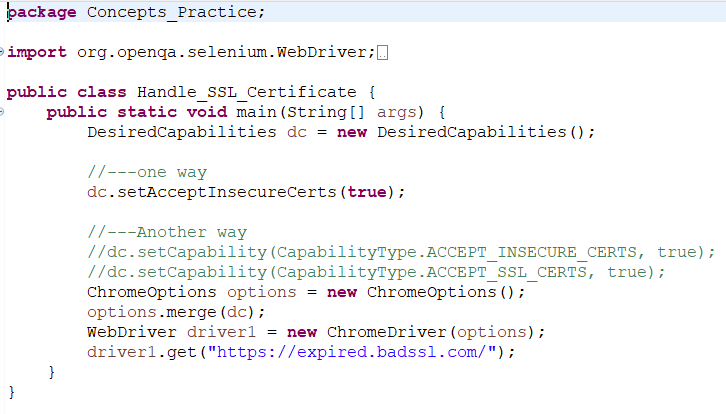
1. How to handle Authentication Popup in Selenium



1. How to read Data from Properties file



1. How to handle SSL Certificate in Selenium



1. How to handle Web Table in Selenium

* Web Table in Selenium

There are two types of HTML tables published on the web.

* Static tables: Data is static.

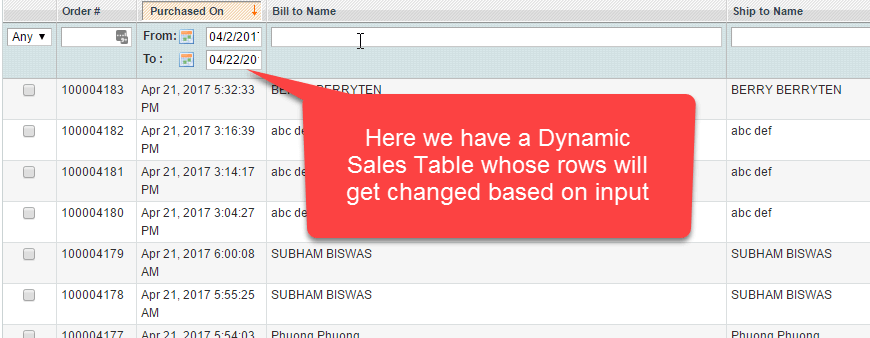
i.e., Number of rows and columns are fixed.

* Dynamic tables: Data is dynamic.

i.e., Number of rows and columns are not fixed.

* How to handle dynamic table in Selenium

Below is an example of a dynamic web table in selenium for sales. Based on input date filters, number of rows will get altered. So, it is dynamic in nature.



Handling static table is easy, but handling dynamic tables in selenium is a little bit difficult as rows and columns are not fixed or constant.

* Using XPath to locate Web Table Elements

Before we locate Web Element, first let us understands –

**What is a Web Element?**

Web elements are nothing but HTML elements like textbox, dropdown radio buttons, submit buttons, etc. These HTML elements are written with START tag and ends with an END tag.

For example,

**<p>**My First HTML Document**</p>**

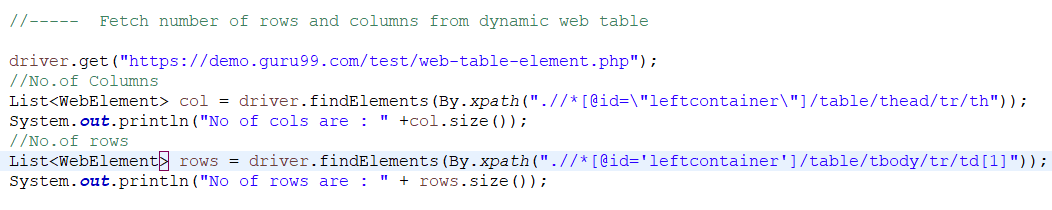
* Example: Fetch number of rows and columns from Dynamic Web Table

While dynamic web table handling in selenium, we cannot predict its number of rows and columns.

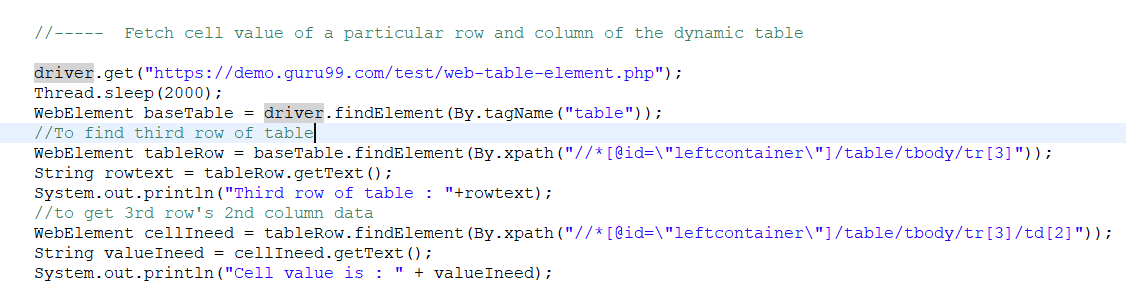
Using selenium web driver, we can find

* Number of rows and columns of a web table in selenium
* X row and Y column’s data

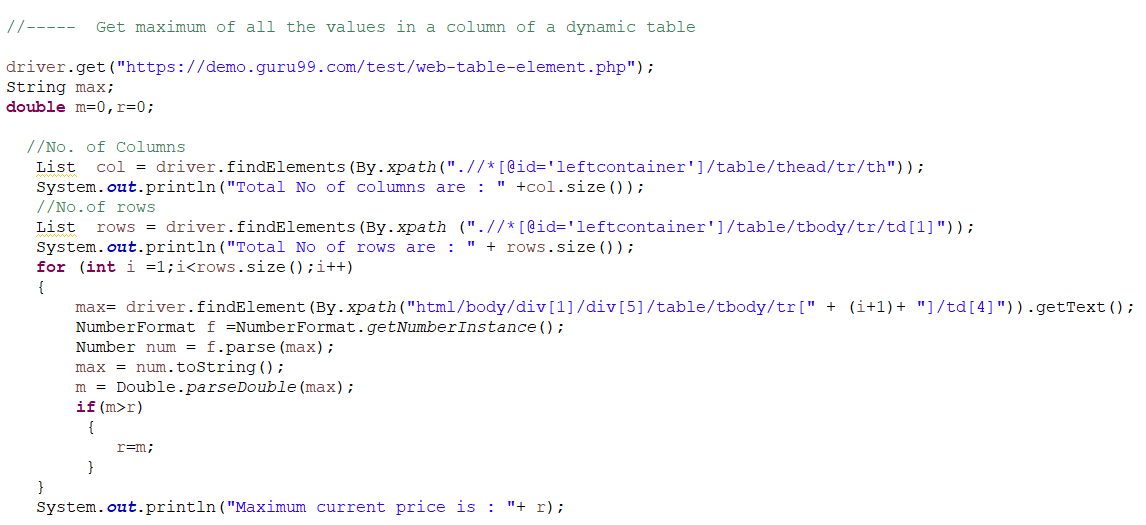
Below is the program for total number of rows and columns for handling a web table in selenium.



* Example: Fetch cell value of a particular row and column of the dynamic table



* Example: Get maximum of all the values in a column of dynamic table



* Example: Get all the values of a Dynamic Table

