SmartCliff
CAREER MOBILITY SOLUTIONS
We are on a mission to address the digital skills gap for 10 Million+ young professionals, train and empower them to forge a career path into future tech

SmartCliff
Career Mobility Solutions

Sample Selenium Test

22 APRIL, 2022

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Steps to write First Selenium Java Test

Sample Java Selenium Program

- Let us make the required Selenium imports on the top of our test class file.

```
import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;
```

- Inside the main() method, let us set properties to define the path of the browser driver, which we have downloaded during the installation steps.

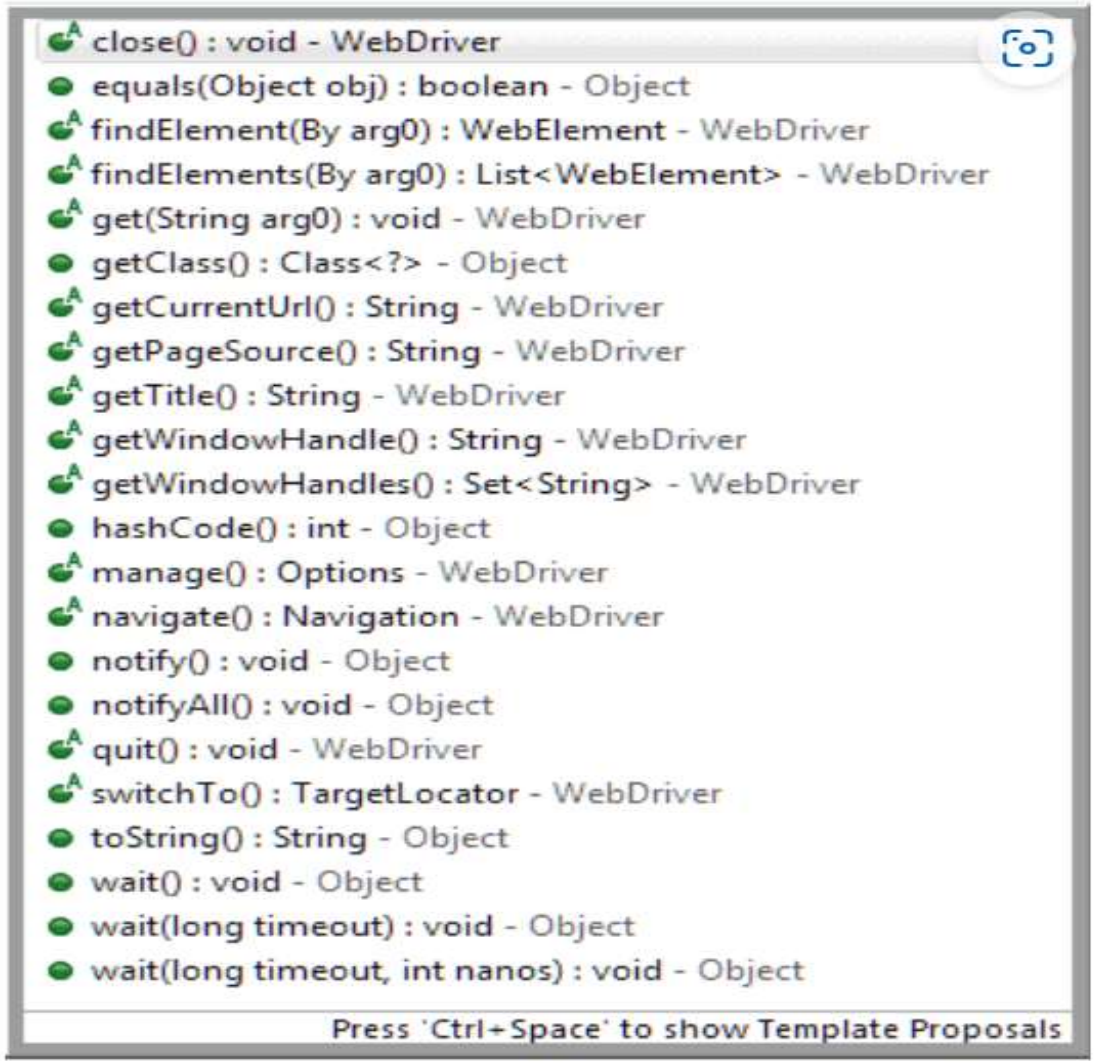
```
System.setProperty("webdriver.chrome.driver", "C:/location_of_chromedriver.exe");
```

Sample Java Selenium Program

- Define a new Webdriver instance.

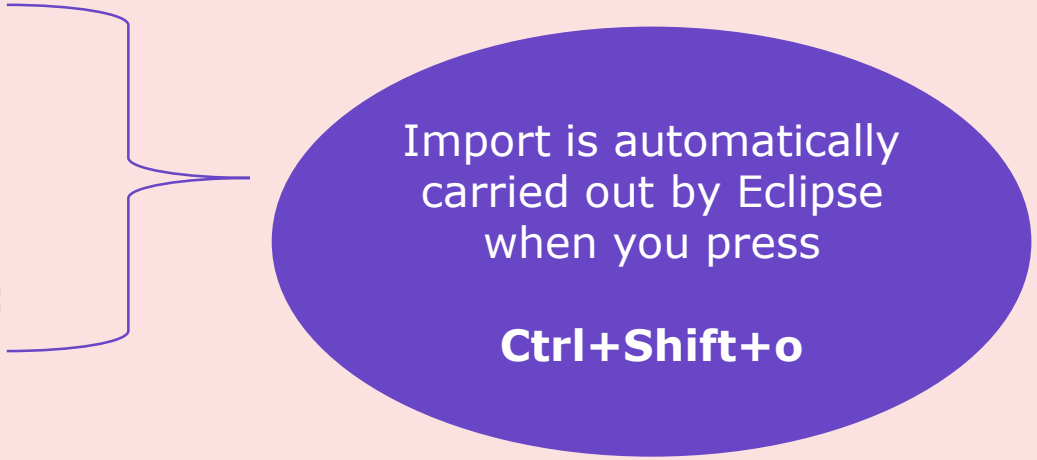
```
WebDriver driver= new ChromeDriver();
```

- A glance of all possible methods WebDriver API provides us for browser automation is shown in the below snapshot.



Sample Java Selenium Program to

```
package com.mysamp1;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;
import io.github.bonigarcia.wdm.WebDriverManager;

public class browser {

        public static void main(String[] args) {
                // setting up driver
                WebDriverManager.chromedriver().setup();
                ChromeOptions co=new ChromeOptions();
                co.addArguments("--remote-allow-origins=*");
                // creating driver object for WebDriver class(driver is mapped with chrome browser)
                WebDriver driver=new ChromeDriver(co);
                // opening a web page using get() method
                driver.get("http://omayo.blogspot.com");

}
```



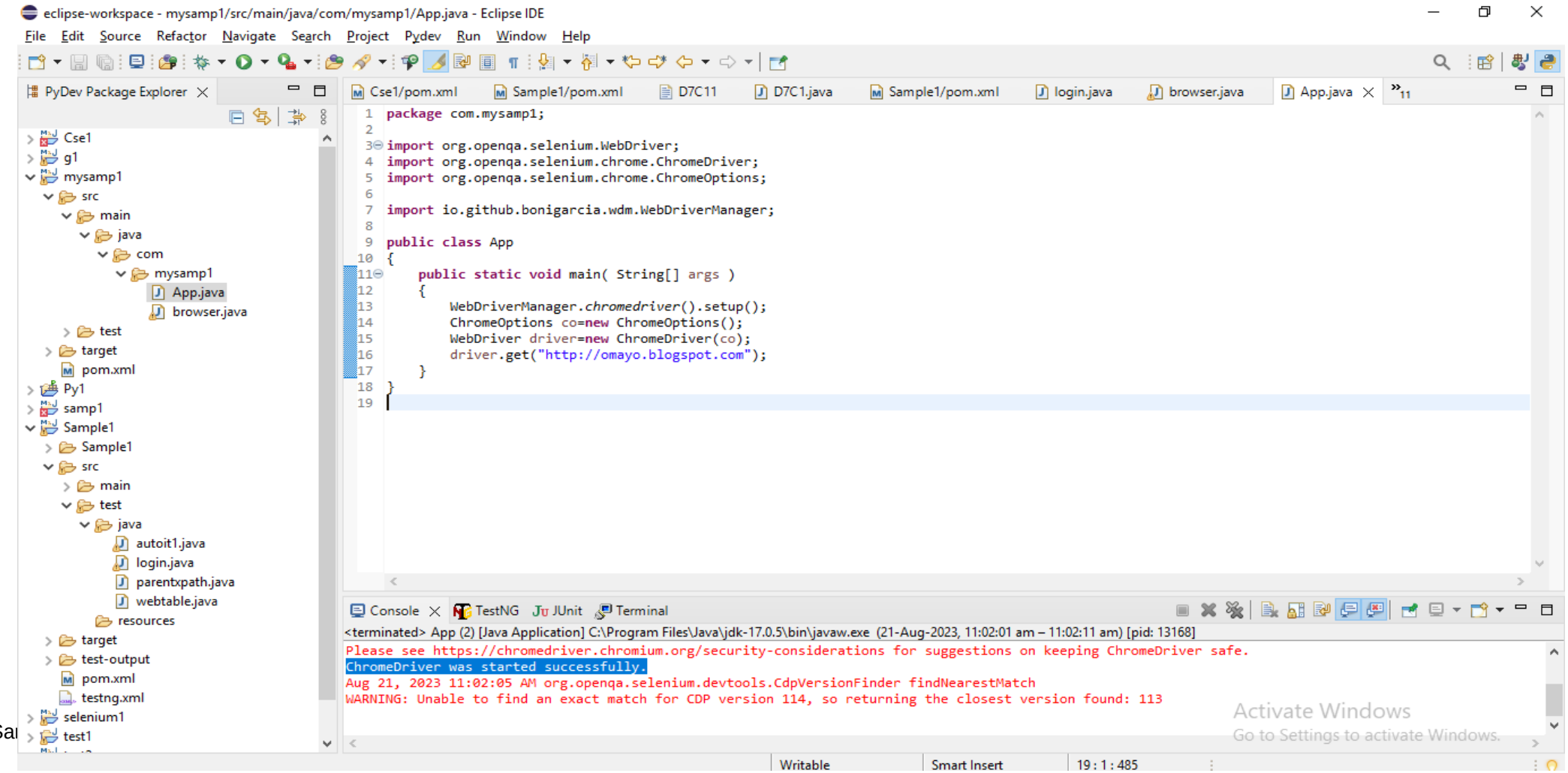
Sample C# Selenium Program

```
package com.mysamp1;

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 io.github.bonigarcia.wdm.WebDriverManager;

public class browser {

	public static void main(String[] args) {
		// setting up driver
		WebDriverManager.edgedriver().setup();
		// creating driver object for WebDriver class(driver is mapped with edge browser)
		WebDriver driver=new EdgeDriver();
		// opening a web page using get() method
		driver.get("http://omayo.blogspot.com");

}
```

Running the Sample Test

Sample Java Selenium Program

- Finally, it is time to run our test. Right-click on the test class file and select.
- **Run As > Java Application**

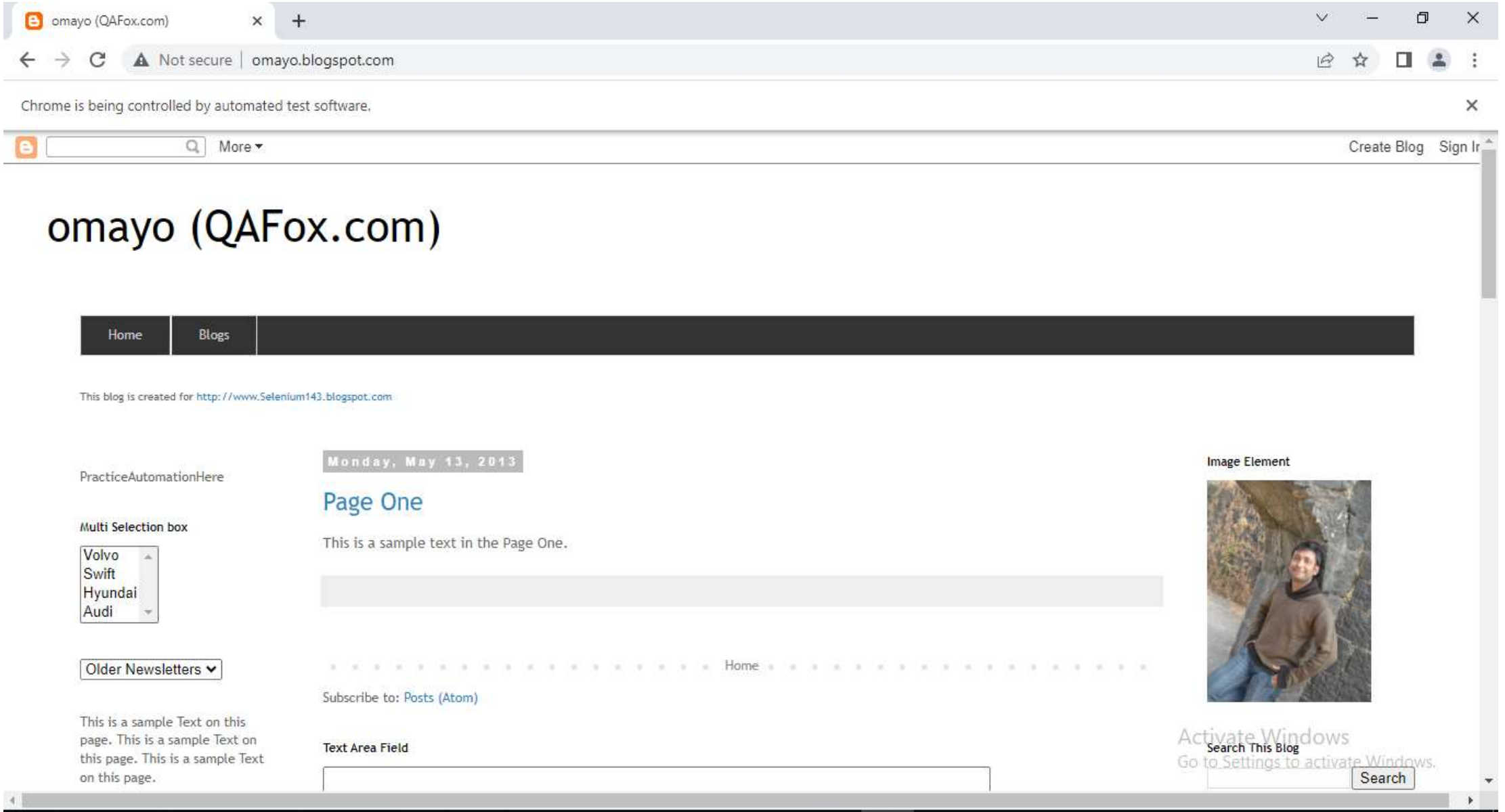


Sample Java Selenium Program

- The browser gets launched, and the test gets executed successfully.
- You can also check the console for logs.

```
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 111.0.5563.64 (c710e93d5b63b7095afe8c2c17df34408078439d-refs/branch-heads/5563@{#995}) on port 15235
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
[1682339163.875][WARNING]: This version of ChromeDriver has not been tested with Chrome version 112.
Apr 24, 2023 5:56:04 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111
```

Output


omayo (QAFox.com)
Not secure | omayo.blogspot.com
Chrome is being controlled by automated test software.
More
Create Blog
Sign In
omayo (QAFox.com)
Home
Blogs
This blog is created for http://www.Selenium143.blogspot.com
PracticeAutomationHere
Multi Selection box
Volvo
Swift
Hyundai
Audi
Older Newsletters
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THANK YOU
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