

LAB: 6

Objective:

Implement a program to get the number of list items in a List/Combo box.

Requirements:

1. Windows PC (Windows 7/8/10) / Mac
2. JDK 15
3. Eclipse IDE
4. Selenium jar file

Code:

```
import java.util.List;
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.support.ui.Select;

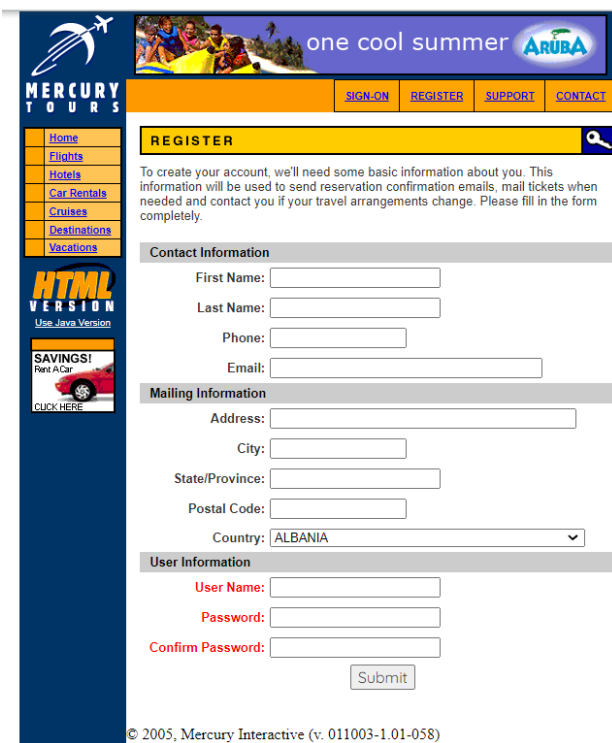
public class CountListOrComboBox {

    static String driverType = "webdriver.chrome.driver";
    static String driverLoc = "C:\\\\Users\\\\arvindsingh\\\\Desktop\\\\Labs\\\\02.Softwa
reTesting\\\\Resources\\\\chromedriver.exe";
    static String baseURL = "http://demo.guru99.com/test/newtours/register.php";

    public static void main(String[] args) {
        System.setProperty(driverType, driverLoc);
        WebDriver driver = new ChromeDriver();
        driver.get(baseURL);
        Select drpCountry = new Select(driver.findElement(By.name("country")));
        List<WebElement> mylist = drpCountry.getOptions();
        System.out.println("Number of countries in option = "+mylist.size());
    }
}
```

Output:

Chrome is being controlled by automated test software.



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```
Console | Problems | Debug Shell
<terminated> CountListOrComboBox [Java Application] C:\Program Files\Java\jdk-15.0.1\bin\javaw.exe (Oct 13, 2021, 2:43:10 PM)
Starting ChromeDriver 93.0.4577.15 (660fc11082ba57405eca2e8c49c3e1af756fbfae-refs/branch-heads/4577@{#203}) on port 21032
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
[1634116386.457][WARNING]: This version of ChromeDriver has not been tested with Chrome version 94.
Oct 13, 2021 2:43:06 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
Number of countries in option = 264
```