

PRACTICAL NO 06

AIM : Write and test a program to get the number of items in a list / combo box.

Solution:

❖ **Follow the following steps:**

1. Go to Eclipse → Click File → New → Project (from various options need to select just “project”)
2. In Select Wizard → Click Java → “Java Project”
3. Give the project name (e.g. ListCombo)
4. Click Finish – Click Yes
5. Right Click “ListCombo” package
6. Click “Java Build Path”
7. Click Libraries tab
8. Click “Add External JARs” button
9. Add two external jar files: selenium-java-client-driver-1.0.2 & selenium-server-standalone-3.1.0
10. Click OK
11. Create a new class file as “ListComboBox” by right click on src folder.
12. **Write the code-**

```
package ListCombo;
```

```
import java.util.List;  
import org.openqa.selenium.By;  
import org.openqa.selenium.WebElement;  
import org.openqa.selenium.firefox.FirefoxDriver;  
import org.openqa.selenium.support.ui.Select;
```

```
public class ListComboBox {
```

```
public static void main(String[] args) {  
    // TODO Auto-generated method stub
```

```
        System.setProperty("webdriver.gecko.driver", "C:\\Users\\rhucha1\\eclipse-  
workspace\\Selenium Drivers\\geckodriver.exe");  
        FirefoxDriver driver = new FirefoxDriver();  
        driver.manage().window().maximize();  
        driver.get("www.facebook.com/");  
        Select oSelect = new Select(driver.findElement(By.xpath("//select[@id='month']")));
```

```
        List<WebElement> oSize = oSelect.getOptions();  
        int listsize = oSize.size();  
        System.out.println("Total no of elements in drop down box is " +listsize);  
        for(int i=0;i<listsize;i++)  
        {  
            String s = oSelect.getOptions().get(i).getText();  
            System.out.println(s);  
        }  
    }  
}
```

Rhucha ----- >>>> STQA

```
}  
}  
}
```

Output :

Create a new account
It's quick and easy.

First name Surname

Mobile number or email address

New password

Date of birth

9 Aug 2022

Gender

Female ☐ Male ☐ Custom ☐

People who use our service may have uploaded your contact information to Facebook. [Learn more.](#)

By clicking Sign Up, you agree to our [Terms](#), [Privacy Policy](#) and [Cookies Policy](#). You may receive SMS notifications from us and can opt out at any time.

Sign Up

```
checklinks - ListCombo/src/ListCombo/ListComboBox.java - Eclipse IDE  
File Edit Source Refactor Navigate Search Project Run Window Help  
...  
Problems Javadoc Declaration Console  
...  
<terminated> ListComboBox [Java Application] C:\Program Files\Java\jdk-18.0.1\bin\javaw.exe (Aug 9, 2022 5:25:36 PM - 5:25:50 PM) [pid: 6476]  
1660046139381 mozrunner::runner INFO Running command: "C:\Program Files\Mozilla Firefox\firefox.exe" "-marionette" "-foreground" "-no-remote" "-prof:  
1660046139923 Marionette INFO Marionette enabled  
1660046139931 Marionette INFO Listening on port 53054  
JavaScript error: resource://gre/modules/XULStore.jsm, line 68: Error: Can't find profile directory.  
console.warn: SearchSettings: "get: No settings file exists, new profile?" (new NotFoundError("Could not open the file at C:\Users\rhucha1\AppData\Local\Temp'  
Aug 09, 2022 5:25:44 PM org.openqa.selenium.remote.ProtocolHandshake createSession  
INFO: Detected dialect: W3C  
JavaScript warning: https://static.xx.fbcdn.net/rsrc.php/v3iX3c4/y/7/1/en_GB/6PFy4xkpW4X.js?_nc_x=Ij3Wp8lg5Kz, line 21: WEBGL_debug_renderer_info is deprecated in 1  
console.warn: LoginRecipes: "getRecipes: falling back to a synchronous message for:" "https://www.facebook.com"  
console.warn: LoginRecipes: "getRecipes: falling back to a synchronous message for:" "https://www.facebook.com"  
console.warn: LoginRecipes: "getRecipes: falling back to a synchronous message for:" "https://www.facebook.com"  
Total no of elements in drop down box is 12  
Jan  
Feb  
Mar  
Apr  
May  
Jun  
Jul  
Aug  
Sep  
Oct  
Nov  
Dec
```