**Practical 8**

**Aim: Write a program using Selenium WebDriver to get the number of items in a list or combo box on a web page.**

**Requirements: Combo.html , Selenium jar files, geckodriver.exe**

**Combo.html**

<html>

<body>

<select>

<option>Maharashtra</option>

<option>Gujarat</option>

<option>Rajasthan</option>

<option>Madhya Pradesh</option>

</select>

</body>

</html>

**Code: ListCount.java**

package listcount;

import org.openqa.selenium.By;

import org.openqa.selenium.Platform;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.openqa.selenium.remote.DesiredCapabilities;

public class ListCount extends SeleneseTestCase{

static String driverPath = "D:\\selenium\\geckodriver.exe";

public static WebDriver driver;

public static void main(String args[])

{

System.setProperty("webdriver.gecko.driver",driverPath);

DesiredCapabilities capabilities = new DesiredCapabilities();

capabilities = DesiredCapabilities.firefox();

capabilities.setBrowserName("firefox");

capabilities.setVersion("38.0.5");

capabilities.setPlatform(Platform.WINDOWS);

capabilities.setCapability("marionette", false);

driver= new FirefoxDriver(capabilities);

driver.get("file:///C:/Users/admin/Desktop/Combo.html");

java.util.List<WebElement> optionCount =

driver.findElements(By.xpath("//select/option"));

System.out.println("Number of Options in the Combo Box is "+

optionCount.size());

for (int i = 0; i<optionCount.size(); i=i+1)

{

System.out.println(optionCount.get(i).getText());

}

}

}

**Output:**

