**Practical 7**

**Aim: Write a program using Selenium WebDriver to provide the total number of objects present or available on a web page**

**Requirements: Selenium Jar files, geckodriver.exe, Netbeans IDE 8.1 or 8.2**

**Code: OC.java**

package oc;

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 OC {

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

public static WebDriver driver;

public static void main(String args[])

{

String driverPathStr = driverPath;

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

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("https://www.google.com/");

java.util.List<WebElement> links =

driver.findElements(By.tagName("a"));

System.out.println("Total links are"+links.size());

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

{

System.out.println("Link "+ i + " Link name "+ links.get(i).getText());

}

}

}

**Output:**



