**Software required** :Eclipse, JDK Sand Selenium Jar files

**Driver required** : Edge Web driver

**Script** : JavaScript

**Task 2: Counting the no of links within a page:**

**Step 1: Creating files:**

Open the eclipse and create a java project 🡪 Create Package under the project file 🡪 Create class file under the package. This step is common for all projects.

Importing the selenium jar files. Go to project file 🡪 right click on project file 🡪 select build path 🡪 library’s 🡪select class path 🡪 add external jars 🡪 select all selenium jar files 🡪 apply and close.

**Step 2: Launching the web driver:**

Download the preferred web driver and set the driver to launch the browser during execution of script. mention the driver location in string format in to the script to invoke web driver.

**Step 3: write the script for Counting the no of links within a page:**

Write the code for count the number of link present in the particular web page and display the counted numbers on the console. Get one website to count number of link is there in the web page by using get method.

Here I take tutorial point website and find total number anchor tag <a> is there in the page by using tag name method.

Create one list to store the fined tags and finally get the total size of tags stored in list by using size function. Once all tags are counted driver get closed. Refer below code to count number of links.

package SeleniumTasks;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.edge.EdgeDriver;

import java.util.List;

import java.util.concurrent.TimeUnit;

public class CountLinks {

public static void main(String[] args) {

System.setProperty("webdriver.edge.driver", "C:\\Users\\keerthiraja.sp\\Downloads\\edgedriver\_win64\\msedgedriver.exe");

WebDriver driver =new EdgeDriver(); //driver constructor used to invoke the browser

driver.get("https://www.tutorialspoint.com/index.htm");

driver.manage().timeouts().implicitlyWait(12, TimeUnit.SECONDS);

//Using tag name with anchor

List<WebElement> links = driver.findElements(By.tagName("a"));

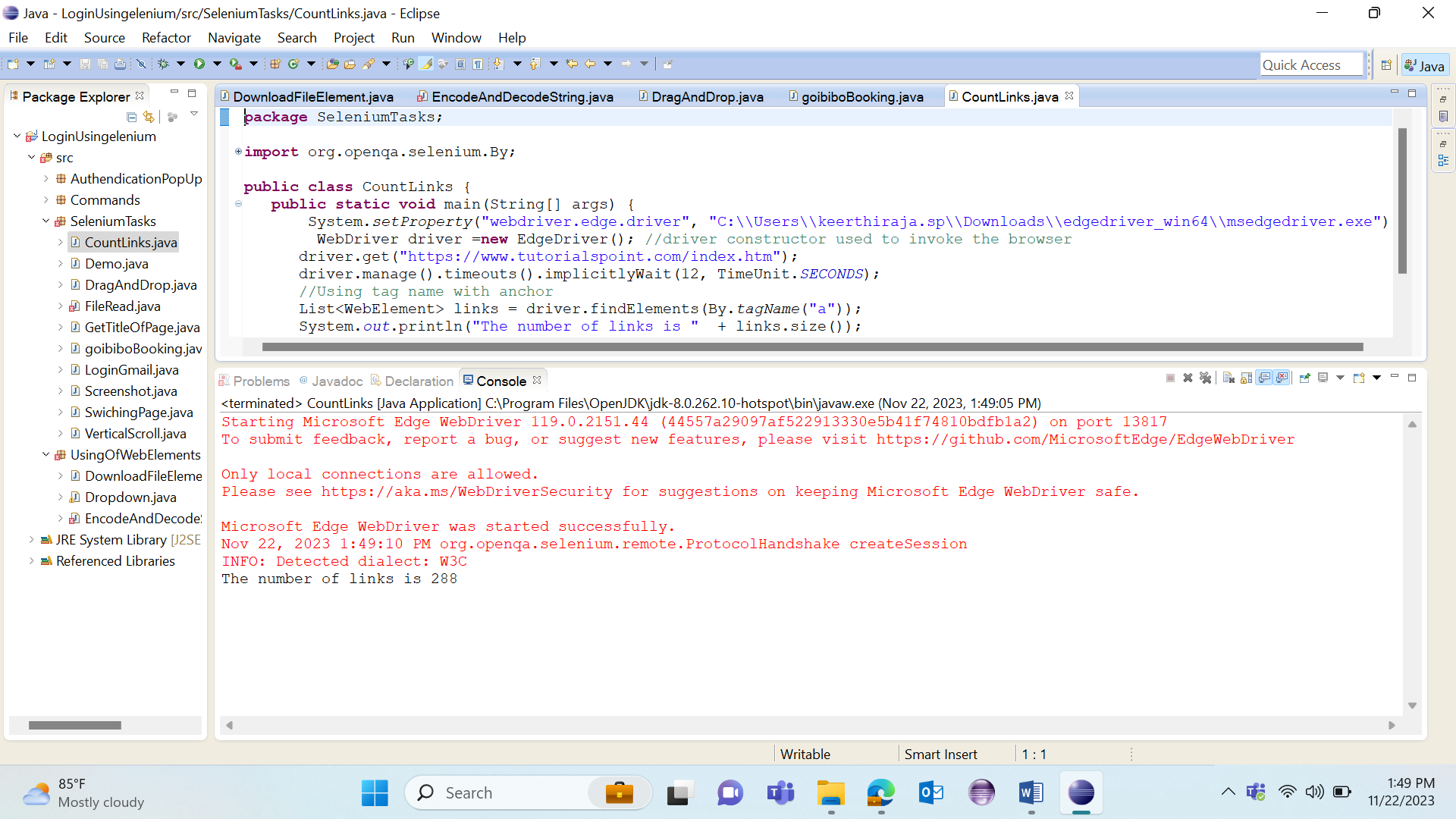
System.out.println("The number of links is " + links.size());

driver.close();

}

}

**Output:**

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