

## PRACTICAL 7

AIM: Write and test a program to provide a total number of object present/available on the page.

(A)

### PSEUDOCODE:

1. Start
2. Set the system property for EdgeDriver with the path to the EdgeDriver executable
3. Initialize the WebDriver instance for Edge browser
4. Open the website "http://www.yahoo.com/" and "http://www.gogoanimes.fi/"
5. Find all elements with the tag name "a" (anchor tags) on the webpage
6. Store the list of anchor tags in a variable "links"
7. Print the total number of links found
8. Loop through each link in the "links" list:
  - a. For each link, print its index (position) and its text content (link name)
9. End

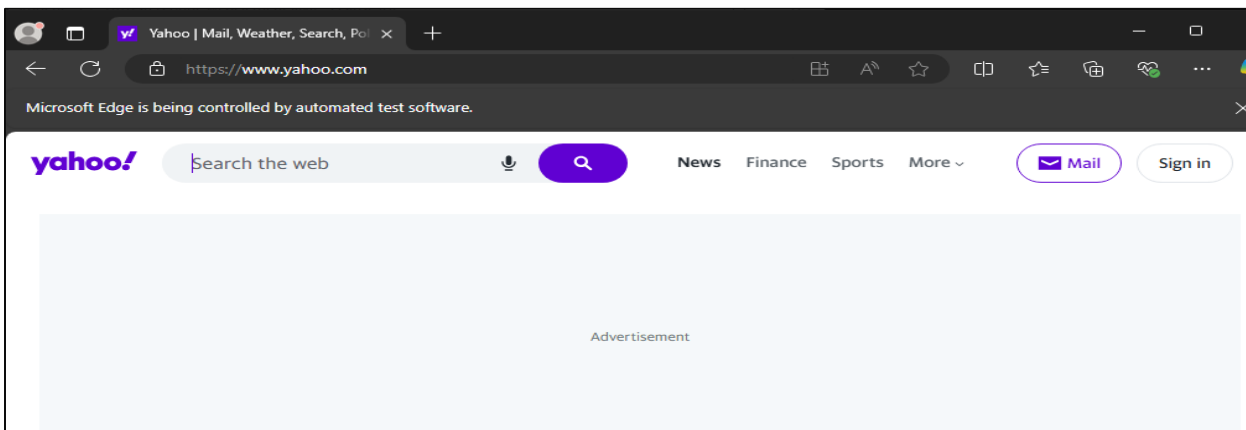
### CODE:

```
import java.util.List;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;

public class count_webelement {
    public static void main(String args[]) {
        System.setProperty("webdriver.edge.driver", "D:\\stqa\\msedgedriver.exe");
        WebDriver driver=new EdgeDriver();
        driver.get("http://www.yahoo.com");
        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 + "LinkName" + links.get(i).getText());
        }
    }
}
```

### OUTPUT:



```
<terminated> test_9142 [Java Application] C:\Users\Student\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.j
Total links are:373
Link0LinkName
Link1LinkName
Link2LinkName
Link3LinkName
Link4LinkName
Link5LinkName
Link6LinkName
Link7LinkName
Link8LinkName
Link9LinkName
Link10LinkName
Link11LinkName
Link12LinkName
Link13LinkName
```

(B)

**CODE:**

```
import java.util.List;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;

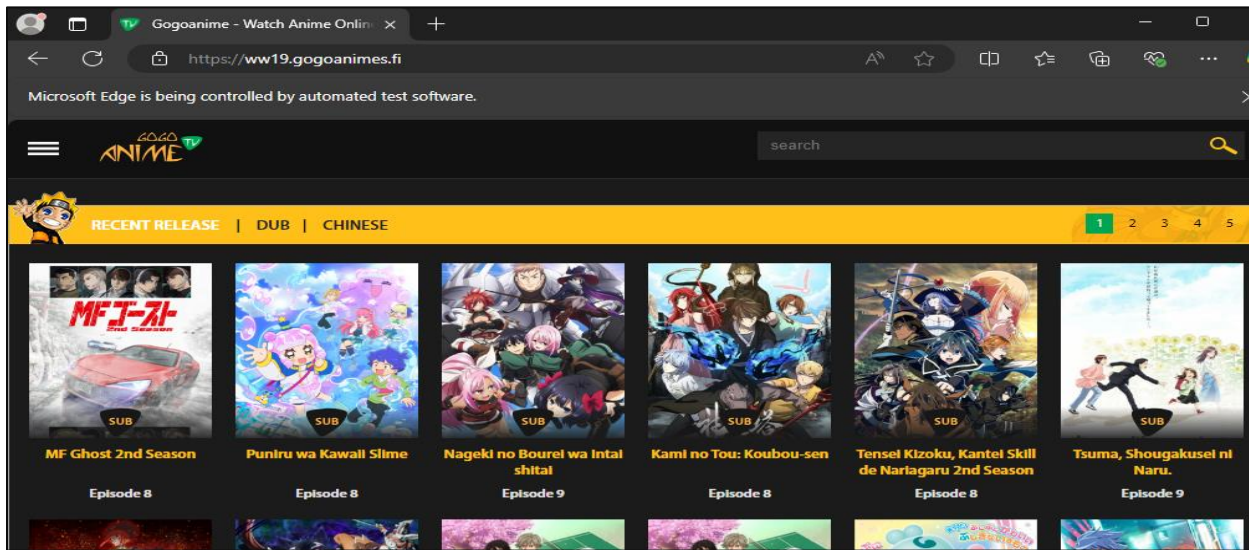
public class count_webelement {
    public static void main(String args[]) {
        System.setProperty("webdriver.edge.driver", "D:\\stqa\\msedgedriver.exe");
        WebDriver driver=new EdgeDriver();
        driver.get("http://www.gogoanimes.fi/");
        List<WebElement>links=driver.findElements(By.tagName("a"));
        System.out.println("Total links are: "+ links.size());
        for(int i=0;i<links.size();i=i+1) {
            System.out.println("Link" + i + "LinkName" + links.get(i).getText());
        }
    }
}
```

NAME:RUSHIKESH MHASKE

CLASS: TYCS-A

ROLL NO: 9142

## OUTPUT:



```
@ Javadoc Declaration Console X Progress
<terminated> test_9142 [Java Application] C:\Users\Student\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.wi
Total links are:1259
Link0LinkName
Link1LinkName
Link2LinkName
Link3LinkName
Link4LinkName
Link5LinkName
Link6LinkName
Link7LinkName
Link8LinkNamenull
```