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

**Driver required** : Edge Web driver

**Script** : JavaScript

**Task 4: vertical scroll to a web element using java script executor:**

**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 vertical scroll to a web element using java script executor:**

Get one website to vertical scroll to a web element using java script executor by using get method. Write the code for scroll the site by using executor and give the window axis how long we need to scroll by using scroll by method. refer below code for scrolling the web page by using executor.

package SeleniumTasks;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.edge.EdgeDriver;

public class VerticalScroll {

public static void main(String[] args) throws InterruptedException {

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

WebDriver driver =new EdgeDriver();

//step for maximize browser window

driver.manage().window().maximize();

driver.get("https://flagpedia.net/index");

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

//Step for scrolling the web page

JavascriptExecutor js=(JavascriptExecutor)driver;

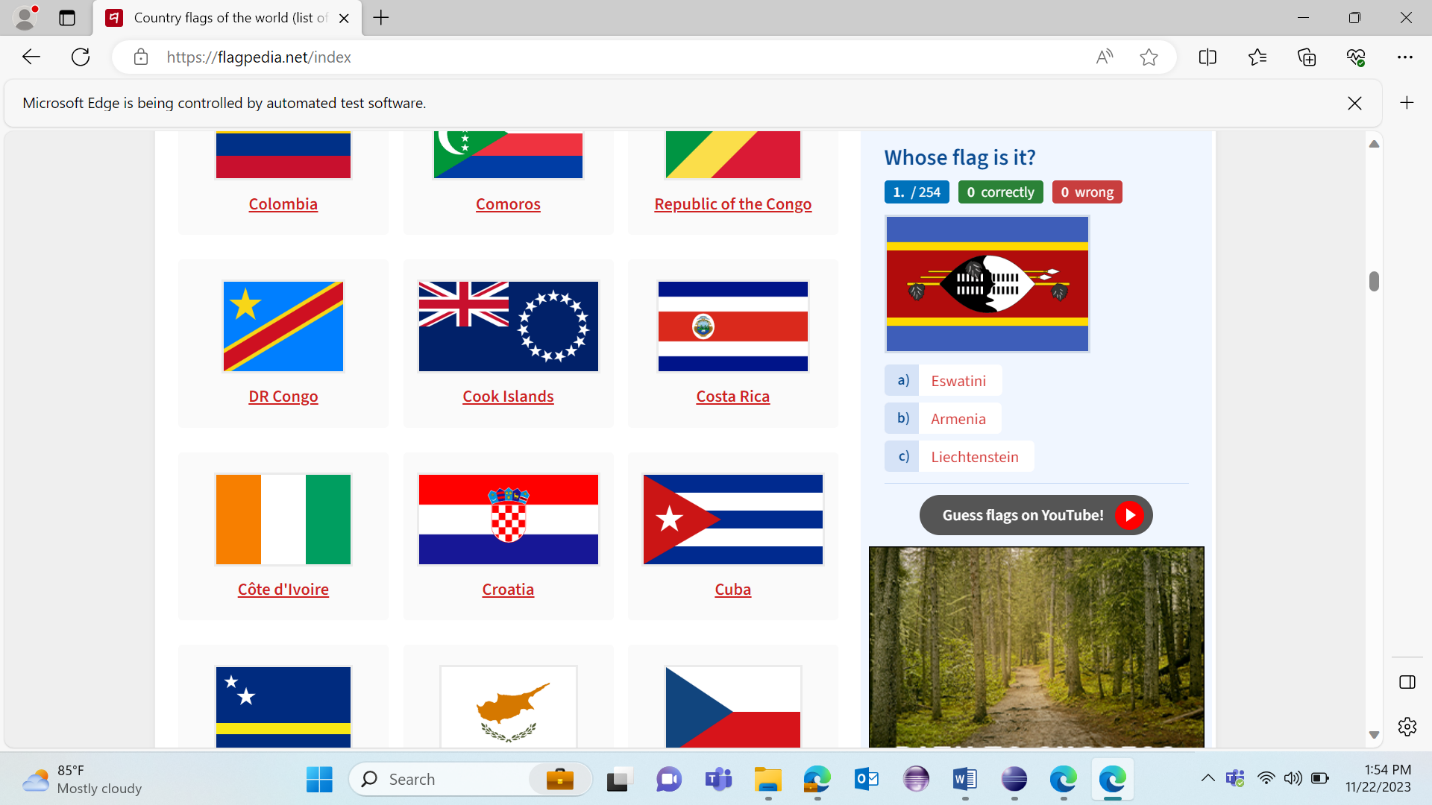
//Step for scrolling down to pixel the web page

js.executeScript("window.scrollBy(0,3000)","");

}

}

**Output:**

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