TCB Frontend automation code

Zoom out and zoom in

JavascriptExecutor executor = (JavascriptExecutor)driver;

executor.executeScript("document.body.style.zoom = '1.2'");

Open TCB Site

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

WebDriver driver;

WebDriverWait wait;

@BeforeMethod

public void setup() throws InterruptedException{

System.setProperty("webdriver.chrome.driver","C:\\Users\\HDave\\Downloads\\chromedriver\_win32 (2).\\chromedriver.exe");

driver = new ChromeDriver();

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

driver.get("https://tcb.dev.devtechlab.com/");

wait = new WebDriverWait(driver, Duration.ofSeconds(5));

Thread.sleep(2000);

}

System.*setProperty*("webdriver.chrome.driver","C:\\Users\\HDave\\Downloads\\chromedriver\_win32 (2).\\chromedriver.exe");

WebDriver driver = **new** ChromeDriver();

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

driver.get("https://tcb.dev.devtechlab.com/");

Addfilter open

WebDriverWait wait = **new** WebDriverWait(driver, Duration.*ofSeconds*(3));

WebElement filterButton = wait.until(ExpectedConditions.*elementToBeClickable*(By.*cssSelector*("button[id='autofilter'")));

filterButton.click();

Add Filter options

Select Country

WebElement selectcountry = driver.findElement(By.*xpath*("//\*[@id='react-select-3-input']"));

selectcountry.sendKeys("India");

selectcountry.sendKeys(Keys.***ENTER***);

selectcountry.sendKeys("Afghanistan");

selectcountry.sendKeys(Keys.***ENTER***);

selectcountry.sendKeys("China");

selectcountry.sendKeys(Keys.***ENTER***);

selectcountry.sendKeys("Pakistan");

selectcountry.sendKeys(Keys.***ENTER***);

Actions country = **new** Actions(driver);

country.moveToElement(selectcountry).

click().build().perform();

Thread.*sleep*(3000);

Select Agency

WebElement selectagency = driver.findElement(By.*xpath*("//\*[@id='react-select-4-input']"));

selectagency.sendKeys("Department of Agriculture (USDA)");

selectagency.sendKeys(Keys.***ENTER***);

selectagency.sendKeys("Department of State (DOS)");

selectagency.sendKeys(Keys.***ENTER***);

selectagency.sendKeys("Department of Labor (DOL)");

selectagency.sendKeys(Keys.***ENTER***);

selectagency.sendKeys("Department of the Treasury (TRE)");

selectagency.sendKeys(Keys.***ENTER***);

Actions agency = **new** Actions(driver);

agency.moveToElement(selectagency).

click().build().perform();

Thread.*sleep*(5000);

Select Category

WebElement selectcategory = driver.findElement(By.*xpath*("//\*[@id='react-select-5-input']"));

selectcategory.sendKeys("Enterprise Development");

selectcategory.sendKeys(Keys.***ENTER***);

selectcategory.sendKeys("Trade-related Labor");

selectcategory.sendKeys(Keys.***ENTER***);

selectcategory.sendKeys("Trade Promotion");

selectcategory.sendKeys(Keys.***ENTER***);

selectcategory.sendKeys("Customs Operations");

selectcategory.sendKeys(Keys.***ENTER***);

Actions category = **new** Actions(driver);

category.moveToElement(selectcategory).

click().build().perform();

Thread.*sleep*(5000);

Select Region

WebElement selectregion = driver.findElement(By.*xpath*("//\*[@id='react-select-6-input']"));

selectregion.sendKeys("World");

selectregion.sendKeys(Keys.***ENTER***);

Actions region = **new** Actions(driver);

region.moveToElement(selectregion).

click().build().perform();

Thread.*sleep*(5000);

Select Incomegroup

WebElement selectincomegroup = driver.findElement(By.*xpath*("//\*[@id='react-select-7-input']"));

selectincomegroup.sendKeys("Lower Middle Income");

selectincomegroup.sendKeys(Keys.***ENTER***);

Actions incomegroup = **new** Actions(driver);

incomegroup.moveToElement(selectincomegroup).

click().build().perform();

Thread.*sleep*(5000);

Apply Filter button

WebElement addfilter = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("/html/body/div[3]/div/div/div[2]/div/div[6]/button[1]")));

addfilter.sendKeys(Keys.***ENTER***);

Thread.*sleep*(2000);

Clear Filter

WebElement clearfilter = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("/html/body/div[3]/div/div/div[2]/div/div[6]/button[2]")));

clearfilter.sendKeys(Keys.***ENTER***);

Thread.*sleep*(2000);

Addfilter close

WebElement activityModalClose = wait.until(ExpectedConditions.*elementToBeClickable*((By.*cssSelector*("button[class='modal-close']"))));

activityModalClose.click();

Open Fiscal year

WebElement fiscalYearDropdown = wait.until(ExpectedConditions.elementToBeClickable((By.cssSelector("div[id='Dashfiscalyear']"))));

fiscalYearDropdown.click();

Select 2018 as a year

WebElement option = fiscalYearDropdown.findElement(By.xpath("//div[text()='2018']"));

option.click();

Total Obligation window open (find svg element)

WebElement totalobligation = driver.findElement(By.*xpath*("//\*[local-name()='svg' and @id='TotalObligation']/\*[local-name()='path']"));

Actions act = **new** Actions(driver);

act.moveToElement(totalobligation).

click().build().perform();

Activities

WebElement activities = driver.findElement(By.*xpath*("//\*[local-name()='svg' and @id='Activities']/\*[local-name()='path']"));

Actions act1 = **new** Actions(driver);

act1.moveToElement(activities).

click().build().perform();

Countries

WebElement countries = driver.findElement(By.*xpath*("//\*[local-name()='svg' and @id='Countries']/\*[local-name()='path']"));

Actions act2 = **new** Actions(driver);

act2.moveToElement(countries).

click().build().perform();

Implementing Agency

WebElement implagency = driver.findElement(By.*xpath*("//\*[local-name()='svg' and

@id=' ImpleAgency ']/\*[local-name()='path']"));

Actions act3 = **new** Actions(driver);

act3.moveToElement(countries).

click().build().perform();

Region

WebElement implagency = driver.findElement(By.*xpath*("//\*[local-name()='svg' and

@id=' Region']/\*[local-name()='path']"));

Actions act4 = **new** Actions(driver);

act4.moveToElement(countries).

click().build().perform();

Thread.*sleep*(2000);

WebElement implagency = driver.findElement(By.*xpath*("//\*[local-name()='svg' and @id='ImpleAgency']/\*[local-name()='path']"));

Actions act3 = **new** Actions(driver);

act3.moveToElement(implagency).

click().build().perform();

Thread.*sleep*(2000);

//Region

WebElement region = driver.findElement(By.*xpath*("//\*[local-name()='svg' and @id='Region']/\*[local-name()='path']"));

Actions act4 = **new** Actions(driver);

act4.moveToElement(region).

click().build().perform();

Thread.*sleep*(2000);

WebElement fiscalYearDropdown = wait.until(ExpectedConditions.*elementToBeClickable*((By.*cssSelector*("div[id='Dashfiscalyear']"))));

fiscalYearDropdown.click();

Thread.*sleep*(2000);

WebElement option = fiscalYearDropdown.findElement(By.*xpath*("//div[text()='2018']"));

option.click();

//WebElement option1 = fiscalYearDropdown.findElement(By.xpath("//div[text()='2019']"));

//option1.click();

//Select fiscalYearDropdownMenu = new Select(fiscalYearDropdown);

//fiscalYearDropdownMenu.selectByValue("2017");

//java.util.List<WebElement> buttons = driver.findElements(By.cssSelector("button"));

//for(WebElement button : buttons){

//System.out.println(button.getAttribute("id"));

//};

//driver.findElement(By.id("autofilter")).click();

//WebElement eleToHover = driver.findElement(By.xpath("//\*[@id='Activities']"));

//WebElement eleToclick = driver.findElement(By.xpath("//\*[@id='Activities']"));

//Actions action = new Actions(driver);

//action.moveToElement(eleToHover).click(eleToclick).build().perform();

}

Scroll to view the element

WebElement ele = driver.findelement(By…name of the element)

Js.executeScript(“arguments[0].scrollIntoView(true)”;,ele)

Extra codes

// WebElement resultspage = wait.until(ExpectedConditions.elementToBeClickable(By.cssSelector("div[id='mui-70292']")));

//resultspage.click();

//WebElement option1 = fiscalYearDropdown.findElement(By.xpath("//div[text()='2019']"));

//option1.click();

//Select fiscalYearDropdownMenu = new Select(fiscalYearDropdown);

//fiscalYearDropdownMenu.selectByValue("2017");

//java.util.List<WebElement> buttons = driver.findElements(By.cssSelector("button"));

//for(WebElement button : buttons){

//System.out.println(button.getAttribute("id"));

//};

//driver.findElement(By.id("autofilter")).click();

//WebElement eleToHover = driver.findElement(By.xpath("//\*[@id='Activities']"));

//WebElement eleToclick = driver.findElement(By.xpath("//\*[@id='Activities']"));

//Actions action = new Actions(driver);

//action.moveToElement(eleToHover).click(eleToclick).build().perform();

Trends Page

package Package1;

import java.sql.Driver;

import java.util.concurrent.TimeUnit;

import java.time.Duration;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.interactions.Actions;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.Select;

import org.openqa.selenium.support.ui.WebDriverWait;

public class Trends {

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

System.setProperty("webdriver.chrome.driver","C:\\Users\\HDave\\Downloads\\chromedriver\_win32 (2).\\chromedriver.exe");

WebDriver driver = new ChromeDriver();

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

driver.get("https://tcb.dev.devtechlab.com/");

//driver.get("https://foreignassistance.gov/");

JavascriptExecutor js = (JavascriptExecutor) driver;

Thread.sleep(2000);

Open Menu

//Open Menu

driver.findElement(By.*xpath*("//\*[@id='react-burger-menu-btn']")).click();

Thread.*sleep*(2000);

//Open Trends Page

WebElement trends = driver.findElement(By.*xpath*("//\*[@id='outer-container']/div[1]/div/div[3]/div[1]/nav/ul/li/ul/li[1]/ul/li[2]/a"));

trends.click();

Actions act = **new** Actions(driver);

act.moveToElement(trends).

click().build().perform();

Thread.*sleep*(2000);

//Click outside Trends Page

driver.findElement(By.*xpath*("//\*[@id='outer-container']/div[1]/div/div[1]")).click();

**package** Package1;

**import** java.sql.Driver;

**import** java.util.concurrent.TimeUnit;

**import** java.time.Duration;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.JavascriptExecutor;

**import** org.openqa.selenium.Keys;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.interactions.Actions;

**import** org.openqa.selenium.support.ui.ExpectedConditions;

**import** org.openqa.selenium.support.ui.Select;

**import** org.openqa.selenium.support.ui.WebDriverWait;

**public** **class** Trends {

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

System.*setProperty*("webdriver.chrome.driver","C:\\Users\\HDave\\Downloads\\chromedriver\_win32 105.\\chromedriver.exe");

WebDriver driver = **new** ChromeDriver();

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

driver.get("https://tcb.dev.devtechlab.com/");

JavascriptExecutor js = (JavascriptExecutor) driver;

Thread.*sleep*(2000);

WebDriverWait wait = **new** WebDriverWait(driver, Duration.*ofSeconds*(5));

//Open Menu

driver.findElement(By.*xpath*("//\*[@id='react-burger-menu-btn']")).click();

Thread.*sleep*(2000);

//Open Trends Page

WebElement trends = driver.findElement(By.*xpath*("//\*[@id='outer-container']/div[1]/div/div[3]/div[1]/nav/ul/li/ul/li[1]/ul/li[2]/a"));

trends.click();

Actions act = **new** Actions(driver);

act.moveToElement(trends).

click().build().perform();

Thread.*sleep*(2000);

//Click outside Trends Page

driver.findElement(By.*xpath*("//\*[@id='outer-container']/div[1]/div/div[1]")).click();

// Fiscal Year

WebElement fiscalyeardropdown = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='main-content']/div/div[1]/div[2]/div[2]/div/div/div/div[1]")));

fiscalyeardropdown.click();

Thread.*sleep*(2000);

// select 2018 taxyear

WebElement option = fiscalyeardropdown.findElement(By.*xpath*("//div[text()='2018']"));

option.click();

//driver.findElement(By.xpath("//\*[@id='select-bar-chart--l7z3bjfj']")).click();

//js.executeScript("scrollTo(0,5000)");

Thread.*sleep*(2000);

//Trade Related Agriculture info

WebElement ele = driver.findElement(By.*xpath*("//\*[@id='main-content']/div/div[1]/div[3]/div[1]/div[2]/div[1]/div[2]/div[1]/span/span/div[2]"));

Actions act10 = **new** Actions(driver);

act10.moveToElement(ele).

click().build().perform();

Thread.*sleep*(2000);

//U.S Agency for International development

WebElement ele1 = driver.findElement(By.*xpath*("//\*[@id='main-content']/div/div[1]/div[3]/div[1]/div[2]/div[2]/div[2]/div[1]/span/span/div[2]"));

Actions act11 = **new** Actions(driver);

act11.moveToElement(ele1).

click().build().perform();

Thread.*sleep*(2000);

//Others

WebElement ele2 = driver.findElement(By.*xpath*("//\*[@id='main-content']/div/div[1]/div[3]/div[1]/div[2]/div[2]/div[2]/div[7]/span/span/div[2]"));

Actions act2 = **new** Actions(driver);

act2.moveToElement(ele2).

click().build().perform();

Thread.*sleep*(2000);

//Play Button

WebElement playbutton = driver.findElement(By.*cssSelector*("#player-controls > button:nth-child(2)"));

Actions play = **new** Actions(driver);

play .moveToElement( playbutton ).

click().build().perform();

Thread.*sleep*(100);

//Forward Button

WebElement forwardbutton = driver.findElement(By.*cssSelector*("#player-controls > button:nth-child(3)"));

Actions forward = **new** Actions(driver);

forward.moveToElement(forwardbutton).

click().build().perform();

Thread.*sleep*(100);

//Pause Button

WebElement playbutton1 = driver.findElement(By.*cssSelector*("#player-controls > button:nth-child(2)"));

Actions play1 = **new** Actions(driver);

play1 .moveToElement( playbutton1 ).

click().build().perform();

Thread.*sleep*(100);

//Backword Button

WebElement backwordbutton = driver.findElement(By.*cssSelector*("#player-controls > button:nth-child(1)"));

Actions back = **new** Actions(driver);

back .moveToElement( backwordbutton ).

click().build().perform();

Thread.*sleep*(100);

//Map Zoom in

WebElement zoomin = driver.findElement(By.*xpath*("//button[@class='zoomIn']"));

zoomin.click();

zoomin.click();

//Map Zoom in

WebElement zoomin = driver.findElement(By.*xpath*("//button[@class='zoomIn']"));

zoomin.click();

zoomin.click();

zoomin.click();

Thread.*sleep*(2000);

//Map Zoom out

// WebElement zoomout = driver.findElement(By.xpath("//button[@class='zoomOut']"));

// zoomout.click();

// zoomout.click();

//Reset

WebElement reset = driver.findElement(By.*xpath*("//button[@class='reset']"));

reset.click();

//Constant Dollar chart

//Click 1999

WebElement year99 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-0']")));

Actions year9 = **new** Actions(driver);

year9.doubleClick(year99).perform();

Thread.*sleep*(2000);

WebElement year00 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-1']")));

Actions year0 = **new** Actions(driver);

year0.doubleClick(year00).perform();

Thread.*sleep*(2000);

WebElement year01 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-2']")));

Actions year1 = **new** Actions(driver);

year1.doubleClick(year01).perform();

Thread.*sleep*(2000);

WebElement year02 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-3']")));

Actions year2 = **new** Actions(driver);

year2.doubleClick(year02).perform();

Thread.*sleep*(2000);

WebElement year03 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-4']")));

Actions year3 = **new** Actions(driver);

year3.doubleClick(year03).perform();

Thread.*sleep*(2000);

WebElement year04 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-5']")));

Actions year4 = **new** Actions(driver);

year4.doubleClick(year04).perform();

Thread.*sleep*(2000);

WebElement year05 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-6']")));

Actions year5 = **new** Actions(driver);

year5.doubleClick(year05).perform();

Thread.*sleep*(2000);

WebElement year06 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-7']")));

Actions year6 = **new** Actions(driver);

year6.doubleClick(year06).perform();

Thread.*sleep*(2000);

WebElement year07 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-8']")));

Actions year7 = **new** Actions(driver);

year7.doubleClick(year07).perform();

Thread.*sleep*(2000);

WebElement year08 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-9']")));

Actions year8 = **new** Actions(driver);

year8.doubleClick(year08).perform();

Thread.*sleep*(2000);

WebElement year09 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-10']")));

Actions year009 = **new** Actions(driver);

year009.doubleClick(year09).perform();

Thread.*sleep*(2000);

WebElement year10 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-11']")));

Actions year001 = **new** Actions(driver);

year001.doubleClick(year10).perform();

Thread.*sleep*(2000);

WebElement year11 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-12']")));

Actions year111 = **new** Actions(driver);

year111.doubleClick(year11).perform();

Thread.*sleep*(2000);

WebElement year12 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-13']")));

Actions year112 = **new** Actions(driver);

year112.doubleClick(year12).perform();

Thread.*sleep*(2000);

WebElement year13 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-14']")));

Actions year113 = **new** Actions(driver);

year113.doubleClick(year13).perform();

Thread.*sleep*(2000);

WebElement year14 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-15']")));

Actions year114 = **new** Actions(driver);

year114.doubleClick(year14).perform();

Thread.*sleep*(2000);

WebElement year15 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-16']")));

Actions year115 = **new** Actions(driver);

year115.doubleClick(year15).perform();

Thread.*sleep*(2000);

WebElement year16 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-17']")));

Actions year116 = **new** Actions(driver);

year116.doubleClick(year16).perform();

Thread.*sleep*(2000);

WebElement year17 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-18']")));

Actions year117 = **new** Actions(driver);

year117.doubleClick(year17).perform();

Thread.*sleep*(2000);

WebElement year18 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-19']")));

Actions year118 = **new** Actions(driver);

year118.doubleClick(year18).perform();

Thread.*sleep*(2000);

WebElement year19 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-20']")));

Actions year119 = **new** Actions(driver);

year119.doubleClick(year19).perform();

Thread.*sleep*(2000);

WebElement year20 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='select-bar-chart\_\_bar-21']")));

Actions year200 = **new** Actions(driver);

year200.doubleClick(year20).perform();

Thread.*sleep*(2000);

//Country in map

WebElement country = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@class='node no-selection PSE']")));

Actions country1 = **new** Actions(driver);

country1.click(country).perform();

Thread.*sleep*(2000);

WebElement country11 = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@class='node no-selection AFG']")));

Actions country01 = **new** Actions(driver);

country01.click(country11).perform();

Thread.*sleep*(2000);

//button[@class='zoomIn']

//#player-controls > button:nth-child(2)

//\*[@id="main-content"]/div/div[1]/div[3]/div[1]/div[2]/div[2]/div[2]/div[7]/span/span/div[2]

//driver.findElement(By.xpath("//a[normalize-space()='Beyond USG']")).click();"

// driver.findElement(By.xpath("//div[@class='react-select\_\_value-container css-1hwfws3']")).click();

// driver.findElement(By.xpath("//div[@class='react-select\_\_menu-list css-11unzgr']"));

//WebElement clearfilter = wait.until(ExpectedConditions.elementToBeClickable(By.xpath("/html/body/div[3]/div/div/div[2]/div/div[6]/button[2]")));

//clearfilter.sendKeys(Keys.ENTER);

//Thread.sleep(2000);

//\*[@id="bar-chart\_\_value-0"]/text[1]

//WebElement options = selectcountry.findElement(By.cssSelector("div[text='Afghanistan'"));

//options.click();

//new WebDriverWait(driver, 20).until(ExpectedConditions.elementToBeClickable(By.xpath("//button[@class='btn' and text()='demo test']"))).click();

//Trends page

//driver.get("https://tcb.dev.devtechlab.com/trends");

//Fast-Facts page

//driver.get("https://tcb.dev.devtechlab.com/fast-facts");

//driver.findElement(By.xpath("//\*[@id='react-tabs-10']")).click();

//driver.findElement(By.cssSelector("#react-tabs-8")).click();

//Data page

//driver.get("https://tcb.dev.devtechlab.com/data");

//Resources page

//driver.get("https://tcb.dev.devtechlab.com/resources");

//Snapshot page and open PDF link

//driver.findElement(By.xpath("//\*[@id='react-tabs-0']")).click();

//driver.findElement(By.cssSelector("#accordion\_\_panel-0 > h3 > a")).click();

//Analytical Briefs and open PDF link

//driver.findElement(By.xpath("//\*[@id='react-tabs-2']")).click();

//driver.findElement(By.xpath("//\*[@id='accordion\_\_panel-0']/h3/a")).click();

//Related Documents and open PDF

//driver.findElement(By.xpath("//\*[@id='react-tabs-4']")).click();

//driver.findElement(By.cssSelector("#react-tabs-5 > div > h3:nth-child(4) > a")).click();

}

}

//Open Menu

driver.findElement(By.*xpath*("//\*[@id='react-burger-menu-btn']")).click();

Thread.*sleep*(2000);

//Open Trends Page

WebElement trends = driver.findElement(By.*xpath*("//\*[@id='outer-container']/div[1]/div/div[3]/div[1]/nav/ul/li/ul/li[1]/ul/li[3]/a"));

trends.click();

Actions act = **new** Actions(driver);

act.moveToElement(trends).

click().build().perform();

Thread.*sleep*(2000);

//Click outside Trends Page

driver.findElement(By.*xpath*("//\*[@id='outer-container']/div[1]/div/div[1]")).click();

Thread.*sleep*(2000);

**package** Package1;

**import** java.sql.Driver;

**import** java.util.concurrent.TimeUnit;

**import** java.util.jar.Attributes.Name;

**import** java.time.Duration;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.JavascriptExecutor;

**import** org.openqa.selenium.Keys;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.interactions.Actions;

**import** org.openqa.selenium.support.ui.ExpectedConditions;

**import** org.openqa.selenium.support.ui.Select;

**import** org.openqa.selenium.support.ui.WebDriverWait;

**public** **class** Trends {

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

System.*setProperty*("webdriver.chrome.driver","C:\\Users\\HDave\\Downloads\\chromedriver\_win32 105.\\chromedriver.exe");

WebDriver driver = **new** ChromeDriver();

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

driver.get("https://tcb.dev.devtechlab.com/");

Thread.*sleep*(2000);

WebDriverWait wait = **new** WebDriverWait(driver, Duration.*ofSeconds*(5));

//Open Menu

driver.findElement(By.*xpath*("//\*[@id='react-burger-menu-btn']")).click();

Thread.*sleep*(2000);

//Open Data Page

WebElement data = driver.findElement(By.*xpath*("//\*[@id='outer-container']/div[1]/div/div[3]/div[1]/nav/ul/li/ul/li[1]/ul/li[4]/a"));

Actions act = **new** Actions(driver);

act.moveToElement(data).

click().build().perform();

Thread.*sleep*(2000);

driver.findElement(By.*xpath*("//\*[@id='outer-container']/div[1]/div/div[1]")).click();

Thread.*sleep*(2000);

Actions act1 = **new** Actions(driver);

act1.sendKeys(Keys.***PAGE\_DOWN***).build().perform();

System.***out***.println("Scroll down perfomed");

Thread.*sleep*(3000);

//Open Query option

WebElement query = wait.until(ExpectedConditions.*elementToBeClickable*((By.*xpath*("//\*[@id='main-content']/div/div/div/div[1]/div[2]/ul"))));

Thread.*sleep*(2000);

WebElement Option = query.findElement(By.*xpath*("//li[text()='Query']"));

Option.click();

Thread.*sleep*(2000);

//Add Filter Option

WebElement filterButton = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[text()='Add Filters']")));

filterButton.click();

Thread.*sleep*(2000);

//Select Activity

WebElement selectActivity = driver.findElement(By.*xpath*("//\*[@id='react-select-4-input']"));

selectActivity.sendKeys("She Innovate");

selectActivity.sendKeys(Keys.***ENTER***);

selectActivity.sendKeys("0");

selectActivity.sendKeys(Keys.***ENTER***);

Actions activity = **new** Actions(driver);

activity.moveToElement(selectActivity).

click().build().perform();

Thread.*sleep*(2000);

//Select Activity ID

WebElement selectActivityID = driver.findElement(By.*xpath*("//\*[@id='react-select-5-input']"));

selectActivityID.sendKeys("100");

selectActivityID.sendKeys(Keys.***ENTER***);

Actions category = **new** Actions(driver);

category.moveToElement(selectActivityID).

click().build().perform();

Thread.*sleep*(2000);

//Select Country

WebElement selectCountry = driver.findElement(By.*xpath*("//\*[@id='react-select-6-input']"));

selectCountry.sendKeys("India");

selectCountry.sendKeys(Keys.***ENTER***);

Actions region = **new** Actions(driver);

region.moveToElement(selectCountry).

click().build().perform();

Thread.*sleep*(5000);

//Select Fiscal Year

WebElement selectFiscalYear = driver.findElement(By.*xpath*("//\*[@id='react-select-7-input']"));

selectFiscalYear.sendKeys("2017");

selectFiscalYear.sendKeys(Keys.***ENTER***);

Actions fiscalyear = **new** Actions(driver);

fiscalyear.moveToElement(selectFiscalYear).

click().build().perform();

Thread.*sleep*(5000);

//Select Funding Agency

WebElement selectagency = driver.findElement(By.*xpath*("//\*[@id='react-select-8-input']"));

selectagency.sendKeys("Department of Agriculture (USDA)");

selectagency.sendKeys(Keys.***ENTER***);

selectagency.sendKeys("Department of State (DOS)");

selectagency.sendKeys(Keys.***ENTER***);

Actions agency = **new** Actions(driver);

agency.moveToElement(selectagency).

click().build().perform();

//Select SubAgency

WebElement selectsubagency = driver.findElement(By.*xpath*("//\*[@id='react-select-9-input']"));

selectsubagency.sendKeys("Afghanistan");

selectsubagency.sendKeys(Keys.***ENTER***);

selectsubagency.sendKeys("Angola");

selectsubagency.sendKeys(Keys.***ENTER***);

Actions subagency = **new** Actions(driver);

subagency.moveToElement(selectsubagency).

click().build().perform();

//Select IncomeGroup

WebElement selectincomegroup = driver.findElement(By.*xpath*("//\*[@id='react-select-10-input']"));

selectincomegroup.sendKeys("Low Income");

selectincomegroup.sendKeys(Keys.***ENTER***);

Actions incomegroup = **new** Actions(driver);

incomegroup.moveToElement(selectincomegroup).

click().build().perform();

Thread.*sleep*(5000);

//Add Region

WebElement selectregion = driver.findElement(By.*xpath*("//\*[@id='react-select-1-input']"));

selectregion.sendKeys("World");

selectregion.sendKeys(Keys.***ENTER***);

Actions region1 = **new** Actions(driver);

region1.moveToElement(selectregion).

click().build().perform();

Thread.*sleep*(5000);

//Select TCB Category

WebElement selecttcb = driver.findElement(By.*xpath*("//\*[@id='react-select-2-input']"));

selecttcb.sendKeys("Customs Operations");

selecttcb.sendKeys(Keys.***ENTER***);

Actions tcb = **new** Actions(driver);

tcb.moveToElement(selectregion).

click().build().perform();

Thread.*sleep*(5000);

WebElement addfilter = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("/html/body/div[3]/div/div/div[2]/div/div[12]/button[1]")));

addfilter.sendKeys(Keys.***ENTER***);

Thread.*sleep*(2000);

// Select Activity

**package** Package1;

**import** java.sql.Driver;

**import** java.util.concurrent.TimeUnit;

**import** java.util.jar.Attributes.Name;

**import** java.time.Duration;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.JavascriptExecutor;

**import** org.openqa.selenium.Keys;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.interactions.Actions;

**import** org.openqa.selenium.support.ui.ExpectedConditions;

**import** org.openqa.selenium.support.ui.Select;

**import** org.openqa.selenium.support.ui.WebDriverWait;

**public** **class** Trends {

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

System.*setProperty*("webdriver.chrome.driver","C:\\Users\\HDave\\Downloads\\chromedriver\_win32 105.\\chromedriver.exe");

WebDriver driver = **new** ChromeDriver();

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

driver.get("https://tcb.dev.devtechlab.com/");

Thread.*sleep*(2000);

WebDriverWait wait = **new** WebDriverWait(driver, Duration.*ofSeconds*(5));

//Open Menu

driver.findElement(By.*xpath*("//\*[@id='react-burger-menu-btn']")).click();

Thread.*sleep*(2000);

//Open Data Page

WebElement data = driver.findElement(By.*xpath*("//\*[@id='outer-container']/div[1]/div/div[3]/div[1]/nav/ul/li/ul/li[1]/ul/li[4]/a"));

Actions act = **new** Actions(driver);

act.moveToElement(data).

click().build().perform();

Thread.*sleep*(2000);

driver.findElement(By.*xpath*("//\*[@id='outer-container']/div[1]/div/div[1]")).click();

Thread.*sleep*(2000);

Actions act1 = **new** Actions(driver);

act1.sendKeys(Keys.***PAGE\_DOWN***).build().perform();

System.***out***.println("Scroll down perfomed");

Thread.*sleep*(3000);

//Open Query option

WebElement query = wait.until(ExpectedConditions.*elementToBeClickable*((By.*xpath*("//\*[@id='main-content']/div/div/div/div[1]/div[2]/ul"))));

Thread.*sleep*(2000);

WebElement Option = query.findElement(By.*xpath*("//li[text()='Query']"));

Option.click();

Thread.*sleep*(2000);

//Add Filter Option

WebElement filterButton = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[text()='Add Filters']")));

filterButton.click();

Thread.*sleep*(2000);

//8 funding agency

//9 impl

//10

//Select Activity

WebElement selectActivity = driver.findElement(By.*xpath*("//\*[@id='react-select-4-input']"));

selectActivity.sendKeys("She Innovate");

selectActivity.sendKeys(Keys.***ENTER***);

selectActivity.sendKeys("0");

selectActivity.sendKeys(Keys.***ENTER***);

Actions activity = **new** Actions(driver);

activity.moveToElement(selectActivity).

click().build().perform();

Thread.*sleep*(2000);

//Select Activity ID

WebElement selectActivityID = driver.findElement(By.*xpath*("//\*[@id='react-select-5-input']"));

selectActivityID.sendKeys("100");

selectActivityID.sendKeys(Keys.***ENTER***);

Actions category = **new** Actions(driver);

category.moveToElement(selectActivityID).

click().build().perform();

Thread.*sleep*(2000);

//Select Country

WebElement selectCountry = driver.findElement(By.*xpath*("//\*[@id='react-select-6-input']"));

selectCountry.sendKeys("India");

selectCountry.sendKeys(Keys.***ENTER***);

Actions region = **new** Actions(driver);

region.moveToElement(selectCountry).

click().build().perform();

Thread.*sleep*(5000);

//Select Fiscal Year

WebElement selectFiscalYear = driver.findElement(By.*xpath*("//\*[@id='react-select-7-input']"));

selectFiscalYear.sendKeys("2017");

selectFiscalYear.sendKeys(Keys.***ENTER***);

Actions fiscalyear = **new** Actions(driver);

fiscalyear.moveToElement(selectFiscalYear).

click().build().perform();

Thread.*sleep*(5000);

//Select Funding Agency

WebElement selectagency = driver.findElement(By.*xpath*("//\*[@id='react-select-8-input']"));

selectagency.sendKeys("Department of Agriculture (USDA)");

selectagency.sendKeys(Keys.***ENTER***);

selectagency.sendKeys("Department of State (DOS)");

selectagency.sendKeys(Keys.***ENTER***);

Actions agency = **new** Actions(driver);

agency.moveToElement(selectagency).

click().build().perform();

//Select Imagency

WebElement selectimagency = driver.findElement(By.*xpath*("//\*[@id='react-select-9-input']"));

selectimagency.sendKeys("Department of Agriculture (USDA)");

selectimagency.sendKeys(Keys.***ENTER***);

selectimagency.sendKeys("Department of State (DOS)");

selectimagency.sendKeys(Keys.***ENTER***);

Actions imagency = **new** Actions(driver);

imagency.moveToElement(selectimagency).

click().build().perform();

//Select SubAgency

WebElement selectsubagency = driver.findElement(By.*xpath*("//\*[@id='react-select-10-input']"));

selectsubagency.sendKeys("Afghanistan");

selectsubagency.sendKeys(Keys.***ENTER***);

selectsubagency.sendKeys("Angola");

selectsubagency.sendKeys(Keys.***ENTER***);

Actions subagency = **new** Actions(driver);

subagency.moveToElement(selectsubagency).

click().build().perform();

//Select IncomeGroup

WebElement selectincomegroup = driver.findElement(By.*xpath*("//\*[@id='react-select-11-input']"));

selectincomegroup.sendKeys("Low Income");

selectincomegroup.sendKeys(Keys.***ENTER***);

Actions incomegroup = **new** Actions(driver);

incomegroup.moveToElement(selectincomegroup).

click().build().perform();

Thread.*sleep*(5000);

//Add Region

WebElement selectregion = driver.findElement(By.*xpath*("//\*[@id='react-select-12-input']"));

selectregion.sendKeys("World");

selectregion.sendKeys(Keys.***ENTER***);

Actions region1 = **new** Actions(driver);

region1.moveToElement(selectregion).

click().build().perform();

Thread.*sleep*(5000);

//Select TCB Category

WebElement selecttcb = driver.findElement(By.*xpath*("//\*[@id='react-select-13-input']"));

selecttcb.sendKeys("Customs Operations");

selecttcb.sendKeys(Keys.***ENTER***);

Actions tcb = **new** Actions(driver);

tcb.moveToElement(selectregion).

click().build().perform();

Thread.*sleep*(5000);

//Apply Filter button

WebElement addfilter = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("/html/body/div[3]/div/div/div[2]/div/div[12]/button[1]")));

addfilter.sendKeys(Keys.***ENTER***);

Thread.*sleep*(2000);

WebElement editfilter = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("//\*[@id='react-tabs-37']/div/div[1]/div/div/div[1]/button/div/svg")));

editfilter.click();

Thread.*sleep*(2000);

//Click Clear Filter button

WebElement clearfilter = wait.until(ExpectedConditions.*elementToBeClickable*(By.*xpath*("/html/body/div[3]/div/div/div[2]/div/div[12]/button[2]")));

clearfilter.sendKeys(Keys.***ENTER***);

//Activity Modal Close

WebElement activityModalClose = wait.until(ExpectedConditions.*elementToBeClickable*((By.*cssSelector*("button[class='modal-close']"))));

activityModalClose.click();

String title = driver.getTitle();

System.***out***.println(title);

Thread.*sleep*(1000);

System.***out***.print("Addfilter");

driver.close();

}

}

}

}