Review Class

class Alerts

package com.Syntax.reviewClass03;

import org.openqa.selenium.Alert;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class Alerts {

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

// setting up the webDriver

System.setProperty("webdriver.chrome.driver","Drivers/chromedriver.exe");

// create an instance

WebDriver driver= new ChromeDriver();

// open the demoqa Alerts

driver.get("https://demoqa.com/alerts");

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

// click on the button

WebElement alertBtn1 = driver.findElement(By.xpath("//button[@id='alertButton']"));

alertBtn1.click();

Thread.sleep(2000);

//alert interface

Alert Alert1 = driver.switchTo().alert();

Alert1.accept();

// alert btn 3

WebElement alertBtn3 = driver.findElement(By.xpath("//button[@id='promtButton']"));

alertBtn3.click();

// reusing the alert already declared

Alert1.sendKeys("abracadbra");

Alert1.accept();

}

}

class frames

package com.Syntax.reviewClass03;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

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

public class frames {

public static void main(String[] args) {

// setting up the webDriver

System.setProperty("webdriver.chrome.driver","Drivers/chromedriver.exe");

// create an instance

WebDriver driver= new ChromeDriver();

// open the demoqa Alerts

driver.get("https://chercher.tech/practice/frames");

// switch the focus of the driver to the parent iframe whose id is iframe1

driver.switchTo().frame("frame1");

// switch the focus to the child frame

driver.switchTo().frame(0);

WebElement checkBox = driver.findElement(By.id("a"));

checkBox.click();

// switch the focus back to home content

driver.switchTo().defaultContent();

// switching to the frame which has drop down

WebElement frame = driver.findElement(By.xpath("//iframe[@id='frame2']"));

driver.switchTo().frame(frame);

// find the select tag

WebElement dropDown = driver.findElement(By.xpath("//select[@id='animals']"));

Select sel= new Select(dropDown);

sel.selectByIndex(1);

driver.switchTo().defaultContent();

driver.switchTo().frame("frame1");

driver.findElement(By.xpath("//input")).sendKeys("abracdabra");

}

}

class implcitwait

package com.Syntax.reviewClass03;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import java.util.concurrent.TimeUnit;

public class implcitwait {

public static void main(String[] args) {

// set the path to the driver to link it with our class on mac u dont need .exe on windows u need .exe

System.setProperty("webdriver.chrome.driver", "Drivers/chromedriver.exe");

// create a WebDriver instance

WebDriver driver = new ChromeDriver();

driver.manage().timeouts().implicitlyWait(20, TimeUnit.SECONDS);

driver.get("https://syntaxprojects.com/dynamic-data-loading-demo.php");

driver.findElement(By.xpath("//button[text()='Get New User']")).click();

// find the webElement

WebElement img = driver.findElement(By.xpath("//p[contains(text(),'First Name')]"));

System.out.println(img.getText());

}

}

TimeUnit

package com.Syntax.reviewClass03;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import java.util.concurrent.TimeUnit;

public class waits {

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

// set the path to the driver to link it with our class on mac u dont need .exe on windows u need .exe

System.setProperty("webdriver.chrome.driver", "Drivers/chromedriver.exe");

// create a WebDriver instance

WebDriver driver = new ChromeDriver();

driver.manage().timeouts().implicitlyWait(20, TimeUnit.SECONDS);

// go to https://syntaxprojects.com/dynamic-elements-loading.php

driver.get("https://syntaxprojects.com/dynamic-elements-loading.php");

// click on the start button

WebElement startBtn = driver.findElement(By.id("startButton"));

startBtn.click();

// get the text out of the element

WebElement textElement = driver.findElement(By.xpath("//h4[text()='Welcome Syntax Technologies']"));

System.out.println( textElement.getText());

// explicit wait unitl the webelement is displayed

// ecplicit wait unitl the webeelemtn is clickable

// explicit wsit until the webelement is selected

}

}

class windowHandles

package com.Syntax.reviewClass03;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import java.util.Set;

public class windowHandles {

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

// setting up the webDriver

System.setProperty("webdriver.chrome.driver","Drivers/chromedriver.exe");

// create an instance

WebDriver driver= new ChromeDriver();

// open the website

driver.get("https://accounts.google.com/v3/signin/identifier?dsh=S1677848054%3A1668130357093885&continue=https%3A%2F%2Faccounts.google.com%2F&followup=https%3A%2F%2Faccounts.google.com%2F&passive=1209600&flowName=GlifWebSignIn&flowEntry=ServiceLogin&ifkv=ARgdvAswIGY5dQVAL\_DC9sJchnLkBPPrWj5S72-X4t-nnF\_jJGXUmwwPbCYoSNYp55bcn0\_z\_Kb2");

// click on help button

WebElement helpBtn = driver.findElement(By.xpath("//a[text()='Help']"));

helpBtn.click();

// click on privacy button

WebElement privacyBtn = driver.findElement(By.xpath("//a[text()='Privacy']"));

privacyBtn.click();

String mainPageHandle = driver.getWindowHandle();

Set<String> allHandles = driver.getWindowHandles();

for(String handle:allHandles){

driver.switchTo().window(handle);

//making sure that we have switched to the right page

if(driver.getTitle().equalsIgnoreCase("Google Account Help")){

break;

}

}

System.out.println("the title of current page is"+driver.getTitle());

System.out.println("i am here");

Thread.sleep(2000);

// find the element comunity and click on it

WebElement comunityBtn = driver.findElement(By.xpath("//a[text()='Community']"));

comunityBtn.click();

driver.switchTo().window(mainPageHandle);

System.out.println(driver.getTitle());

}

}