mport java.time.Duration;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class Locators {

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

// TODO Auto-generated method stub

//implicit wait - 2 seconds time out

System.setProperty("webdriver.chrome.driver", "/Users/rahulshetty/Documents/chromedriver");

WebDriver driver = new ChromeDriver();

driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));

driver.get("https://rahulshettyacademy.com/locatorspractice/");

driver.findElement(By.id("inputUsername")).sendKeys("rahul");

driver.findElement(By.name("inputPassword")).sendKeys("hello123");

driver.findElement(By.className("signInBtn")).click();

System.out.println(driver.findElement(By.cssSelector("p.error")).getText());

driver.findElement(By.linkText("Forgot your password?")).click();

Thread.sleep(1000);//

driver.findElement(By.xpath("//input[@placeholder='Name']")).sendKeys("John");

driver.findElement(By.cssSelector("input[placeholder='Email']")).sendKeys("john@rsa.com");

driver.findElement(By.xpath("//input[@type='text'][2]")).clear();

driver.findElement(By.cssSelector("input[type='text']:nth-child(3)")).sendKeys("john@gmail.com");

driver.findElement(By.xpath("//form/input[3]")).sendKeys("9864353253");

driver.findElement(By.cssSelector(".reset-pwd-btn")).click();

System.out.println(driver.findElement(By.cssSelector("form p")).getText());

driver.findElement(By.xpath("//div[@class='forgot-pwd-btn-conainer']/button[1]")).click();

Thread.sleep(1000);

driver.findElement(By.cssSelector("#inputUsername")).sendKeys("rahul");

driver.findElement(By.cssSelector("input[type\*='pass']")).sendKeys("rahulshettyacademy");

driver.findElement(By.id("chkboxOne")).click();

driver.findElement(By.xpath("//button[contains(@class,'submit')]")).click();

}

}

=================================

**import** java.time.Duration;

**import** org.openqa.selenium.By;

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

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

**import** org.openqa.selenium.edge.EdgeDriver;

**import** org.openqa.selenium.firefox.FirefoxDriver;

**import** org.testng.Assert;

**public** **class** Locators2 {

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

// **TODO** Auto-generated method stub

String name = "rahul";

System.*setProperty*("webdriver.chrome.driver", "/Users/rahulshetty/Documents/chromedriver");

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

// System.setProperty("webdriver.edge.driver", "/Users/rahulshetty/Documents/msedgedriver");

// WebDriver driver = new EdgeDriver();

driver.manage().timeouts().implicitlyWait(Duration.*ofSeconds*(5));

String password = *getPassword*(driver);

driver.get("https://rahulshettyacademy.com/locatorspractice/");

driver.findElement(By.*id*("inputUsername")).sendKeys(name);

driver.findElement(By.*name*("inputPassword")).sendKeys(password);

driver.findElement(By.*className*("signInBtn")).click();

Thread.*sleep*(2000);

System.***out***.println(driver.findElement(By.*tagName*("p")).getText());

Assert.*assertEquals*(driver.findElement(By.*tagName*("p")).getText(), "You are successfully logged in.");

Assert.*assertEquals*(driver.findElement(By.*cssSelector*("div[class='login-container'] h2")).getText(),"Hello "+name+",");

driver.findElement(By.*xpath*("//\*[text()='Log Out']")).click();

driver.close();

}

**public** **static** String getPassword(WebDriver driver) **throws** InterruptedException

{

driver.get("https://rahulshettyacademy.com/locatorspractice/");

driver.findElement(By.*linkText*("Forgot your password?")).click();

Thread.*sleep*(1000);

driver.findElement(By.*cssSelector*(".reset-pwd-btn")).click();

String passwordText =driver.findElement(By.*cssSelector*("form p")).getText();

//Please use temporary password 'rahulshettyacademy' to Login.

String[] passwordArray = passwordText.split("'");

// String[] passwordArray2 = passwordArray[1].split("'");

// passwordArray2[0]

String password = passwordArray[1].split("'")[0];

**return** password;

//0th index - Please use temporary password

//1st index - rahulshettyacademy' to Login.

//0th index - rahulshettyacademy

//1st index - to Login.

}

}

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.Assert;

public class Dropdown {

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

// TODO Auto-generated method stub

System.setProperty("webdriver.chrome.driver", "C://work//chromedriver.exe");

WebDriver driver =new ChromeDriver();

driver.get("http://spicejet.com"); //URL in the browser

// //a[@value='MAA'] - Xpath for chennai

// //a[@value='BLR']

driver.findElement(By.id("ctl00\_mainContent\_ddl\_originStation1\_CTXT")).click();

driver.findElement(By.xpath("//a[@value='BLR']")).click();

Thread.sleep(2000);

//driver.findElement(By.xpath("(//a[@value='MAA'])[2]")).click();

driver.findElement(By.xpath("//div[@id='glsctl00\_mainContent\_ddl\_destinationStation1\_CTNR'] //a[@value='MAA']")).click();

driver.findElement(By.cssSelector(".ui-state-default.ui-state-highlight.ui-state-active")).click()

}

}

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class AutoSuggestive {

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

// TODO Auto-generated method stub

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

WebDriver driver =new ChromeDriver();

driver.get("https://rahulshettyacademy.com/dropdownsPractise/");

driver.findElement(By.id("autosuggest")).sendKeys("ind");

Thread.sleep(3000);

List<WebElement> options =driver.findElements(By.cssSelector("li[class='ui-menu-item'] a"));

for(WebElement option :options)

{

if(option.getText().equalsIgnoreCase("India"))

{

option.click();

break;

}

}

}

}

**code download**

import java.util.Arrays;

import java.util.List;

import java.util.concurrent.TimeUnit;

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.ExpectedConditions;

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

public class base {

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

// TODO Auto-generated method stub

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

WebDriver driver=new ChromeDriver();

//driver.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);

WebDriverWait w =new WebDriverWait(driver,5);

String[] itemsNeeded= {"Cucumber","Brocolli","Beetroot"};

driver.get("https://rahulshettyacademy.com/seleniumPractise/");

Thread.sleep(3000);

addItems(driver,itemsNeeded);

driver.findElement(By.cssSelector("img[alt='Cart']")).click();

driver.findElement(By.xpath("//button[contains(text(),'PROCEED TO CHECKOUT')]")).click();

w.until(ExpectedConditions.visibilityOfElementLocated(By.cssSelector("input.promoCode")));

driver.findElement(By.cssSelector("input.promoCode")).sendKeys("rahulshettyacademy");

driver.findElement(By.cssSelector("button.promoBtn")).click();

//explicit wait

w.until(ExpectedConditions.visibilityOfElementLocated(By.cssSelector("span.promoInfo")));

System.out.println(driver.findElement(By.cssSelector("span.promoInfo")).getText());

}

public static  void addItems(WebDriver driver,String[] itemsNeeded)

{

int j=0;

List<WebElement> products=driver.findElements(By.cssSelector("h4.product-name"));

for(int i=0;i<products.size();i++)

{

//Brocolli - 1 Kg

//Brocolli,    1 kg

String[] name=products.get(i).getText().split("-");

String formattedName=name[0].trim();

//format it to get actual vegetable name

//convert array into array list for easy search

//  check whether name you extracted is present in arrayList or not-

List itemsNeededList = Arrays.asList(itemsNeeded);

if(itemsNeededList.contains(formattedName))

{

j++;

//click on Add to cart

driver.findElements(By.xpath("//div[@class='product-action']/button")).get(i).click();

if(j==itemsNeeded.length)

{

break;

}

}

}

}

}

Resources for this lecture