**Synchronization**

Write a selenium script to automate the form using webdriver wait.

1. Go to the form page of phptravels.com
2. Fill in the form details
3. Add the logic of sum verification
4. Verify that the form is submitted successfully by checking the message displayed
5. Take a screenshot of the page after the form submission.

Program:

package dropdown;

import java.io.File;

import java.io.IOException;

import java.time.Duration;

import java.util.concurrent.TimeUnit;

import org.apache.commons.io.FileUtils;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

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

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

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

import org.testng.Assert;

public class Dropdownandsynchronization {

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

// TODO Auto-generated method stub

WebDriver driver=new ChromeDriver();

driver.get("https://phptravels.com/demo/");

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

driver.manage().deleteAllCookies();

WebDriverWait wait=new WebDriverWait(driver, Duration.ofSeconds(10));

WebElement firstname=wait.until(ExpectedConditions.elementToBeClickable(By.name("first\_name")));

firstname.sendKeys("Krishna");

WebElement lastname=driver.findElement(By.name("last\_name"));

lastname.click();

lastname.sendKeys("Priya");

WebElement businessname=driver.findElement(By.name("business\_name"));

businessname.click();

businessname.sendKeys("Selenium concepts");

WebElement email=driver.findElement(By.name("email"));

email.click();

email.sendKeys("krishnapriya020423@gmail.com");

WebElement numb1=driver.findElement(By.id("numb1"));

String number1=numb1.getText();

WebElement numb2=driver.findElement(By.id("numb2"));

String number2=numb2.getText();

int a=Integer.parseInt(number1);

int b=Integer.parseInt(number2);

int output=a+b;

String c=Integer.toString(output);

WebElement result=driver.findElement(By.id("number"));

result.sendKeys(c);

WebDriverWait wait1=new WebDriverWait(driver, Duration.ofSeconds(30));

WebElement submitbutton=wait1.until(ExpectedConditions.elementToBeClickable(By.xpath("//div[@class='col-lg-6 mb1']/button")));

Thread.sleep(3000);

submitbutton.click();

WebDriverWait wait2=new WebDriverWait(driver, Duration.ofSeconds(30));

WebElement message=wait2.until(ExpectedConditions.presenceOfElementLocated(By.xpath("//h2[@class='text-center cw mt-3']/strong[text()=' Thank you!']")));

String thanksmessage=message.getText();

System.out.println(thanksmessage);

File src=((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);

FileUtils.copyFile(src, new File("D://screenshot.png"));

driver.quit();

}

}

Console:

Thank you!