**CODE TO HANDLE FRAME**

package example1.example1;

import java.util.List;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class FrameHandling {

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

System.setProperty("webdriver.chrome.driver","D:\\chromedriver.exe");

ChromeDriver driver = new ChromeDriver();

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

//driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);

driver.get("https://seleniumhq.github.io/selenium/docs/api/java/");

int size = driver.findElements(By.tagName("frame")).size();

System.out.println("Total number of frames are "+ size);

int isize = driver.findElements(By.tagName("iframe")).size();

System.out.println("Total number of iframes are "+ isize);

//((WebElement) driver).getAttribute("name");

//System.out.println("Navigated to frame with id " );

//System.out.println("Frame name :" + ((WebElement) driver).getAttribute("name"));

List<WebElement> ele = driver.findElements(By.tagName("frame"));

System.out.println("Number of frames in a page :" + ele.size());

for(WebElement el : ele){

//Returns the Id of a frame.

System.out.println("Frame Id :" + el.getAttribute("id"));

//Returns the Name of a frame.

System.out.println("Frame name :" + el.getAttribute("name"));

}

// String s= driver.switchTo().frame("packageFrame").getTitle();

//System.out.println("Current frame name " + s);

//driver.findElement(By.xpath("html/body/div[1]/ul/li[23]")).click();

// System.out.println("Frame name :" + ((WebElement) driver).getAttribute("name"));

driver.quit();

}}

**CODE TO HANDLE WINDOW**

**package** example1.example1;

**import** java.util.Iterator;

**import** java.util.Set;

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

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

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

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

**public** **class** lendedwindow {

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

{

System.*setProperty*("webdriver.chrome.driver","D:\\chromedriver.exe");

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

wd.manage().window().maximize();

wd.manage().timeouts().implicitlyWait(10, TimeUnit.***SECONDS***);

wd.get("http://www.americangolf.co.uk");

wd.findElement(By.*xpath*(".//\*[@id='header-top-wrapper']/div/div[3]/div[1]/div/ul/li[1]/a")).click();

Set<String> winlist=wd.getWindowHandles();

System.***out***.println("No of windows:"+winlist.size());

Iterator it=winlist.iterator();

System.***out***.println(it.next());

System.***out***.println("------------------------");

Thread.*sleep*(2000);

winlist=wd.getWindowHandles();

System.***out***.println("No of windows:"+winlist.size());

it=winlist.iterator();

String mainwin=(String) it.next();

String popupwin=(String) it.next();

System.***out***.println(it.next());

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

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

wd.switchTo().window(popupwin);

//wd.findElement(By.xpath(".//\*[@id='skill']/div[1]/div[2]/input")).sendKeys("java");

//wd.findElement(By.xpath(".//\*[@id='location']/div[1]/div[2]/input")).sendKeys("chennai");

//wd.findElement(By.xpath(".//\*[@id='qsbFormBtn']")).click();

Thread.*sleep*(2000);

wd.close();

//wd.switchTo().window(mainwin);

wd.close();

}

}