import java.util.Set;

import javax.swing.text.html.HTMLDocument.Iterator;

import org.openqa.selenium.Alert;

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;

import org.openqa.selenium.interactions.Actions;

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

import com.google.common.collect.Iterables;

public class Lab5 {

public static void main(String args[]) {

System.setProperty("webdriver.chrome.driver", "C:\\Users\\4076\\Desktop\\SL/chromedriver.exe");

WebDriver driver = new ChromeDriver();

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

// Hit URL

driver.get("https://omayo.blogspot.in/");

// Data in first field

driver.findElement(By.xpath("//textarea[@id='ta1']")).sendKeys("Muhammad Tayyab");

WebElement t = driver.findElement(By.name("q"));

t.sendKeys("The cat was playing in the garden");

// Obtain value

System.out.println("Value is: " + t.getAttribute("value"));

// Clear the data

driver.findElement(By.xpath("//div[@class='widget-content']//following::textarea[2]")).clear();

// Text written about personality

driver.findElement(By.xpath("//div[@class='widget-content']//following::textarea[2]"))

.sendKeys("I am passionate to learn and explore to become the best version of me");

// Table

String tr1td1 = driver.findElement(By.xpath("//table[@id='table1']//tbody//tr[1]//td[1]")).getText();

System.out.println(tr1td1);

String tr1td2 = driver.findElement(By.xpath("//table[@id='table1']//tbody//tr[1]//td[2]")).getText();

System.out.println(tr1td2);

String tr1td3 = driver.findElement(By.xpath("//table[@id='table1']//tbody//tr[1]//td[3]")).getText();

System.out.println(tr1td3);

String tr2td1 = driver.findElement(By.xpath("//table[@id='table1']//tbody//tr[2]//td[1]")).getText();

System.out.println(tr2td1);

String tr2td2 = driver.findElement(By.xpath("//table[@id='table1']//tbody//tr[2]//td[2]")).getText();

System.out.println(tr2td2);

String tr2td3 = driver.findElement(By.xpath("//table[@id='table1']//tbody//tr[2]//td[3]")).getText();

System.out.println(tr2td3);

String tr3td1 = driver.findElement(By.xpath("//table[@id='table1']//tbody//tr[3]//td[1]")).getText();

System.out.println(tr3td1);

String tr3td2 = driver.findElement(By.xpath("//table[@id='table1']//tbody//tr[3]//td[2]")).getText();

System.out.println(tr3td2);

String tr3td3 = driver.findElement(By.xpath("//table[@id='table1']//tbody//tr[3]//td[3]")).getText();

System.out.println(tr3td3);

String tr4td1 = driver.findElement(By.xpath("//table[@id='table1']//tbody//tr[4]//td[1]")).getText();

System.out.println(tr4td1);

String tr4td2 = driver.findElement(By.xpath("//table[@id='table1']//tbody//tr[4]//td[2]")).getText();

System.out.println(tr4td2);

String tr4td3 = driver.findElement(By.xpath("//table[@id='table1']//tbody//tr[4]//td[3]")).getText();

System.out.println(tr4td3);

// Input User name and Password

WebElement Username = driver.findElement(By.xpath("//form[@name='form1']//input[1]"));

Username.sendKeys("Muhammad Tayyab");

WebElement Password = driver.findElement(By.xpath("//form[@name='form1']//input[2]"));

Password.sendKeys("Tayyab098");

// Click on LogIn Button

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

// Switching to Frames

// driver.findElement(By.xpath("//iframe[@id='iframe1']")).click();

// driver.switchTo().frame("//iframe[@id='iframe2']");

// Input User name and Password

driver.findElement(By.xpath("//input[@name='userid']")).sendKeys("Muhammad Tayyab");

driver.findElement(By.xpath("//input[@name='pswrd']")).sendKeys("Tayyab098");

// Click on LogIn Button and alert

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

driver.switchTo().alert().accept();

// Selection of Hyundai and Doc3

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

driver.findElement(By.xpath("//option[@id='ironman4']")).click();

// Clear the data and write

driver.findElement(By.xpath("//input[@id='textbox1']")).clear();

driver.findElement(By.xpath("//input[@id='textbox1']")).sendKeys("Hello World");

// Click on Buttons

driver.findElement(By.xpath("//button[@id='but2']")).click();

driver.findElement(By.xpath("//button[@name='samename'][1]")).click();

driver.findElement(By.xpath("//button[@name='samename'][2]")).click();

driver.findElement(By.xpath("//button[@name='samename'][3]")).click();

driver.findElement(By.xpath("//input[@id='alert2']")).click();

driver.switchTo().alert().accept();

driver.findElement(By.linkText("Open a popup window")).click();

String parent = driver.getWindowHandle();

Set<String> t1 = driver.getWindowHandles();

java.util.Iterator<String> window = t1.iterator();

while (window.hasNext()) {

String child\_window = window.next();

if (!parent.equals(child\_window)) {

driver.switchTo().window(child\_window);

driver.close();

}

}

driver.findElement(By.xpath("//button[text()='Try it']")).click();

// Double click and handle error

// WebElement dblclick =driver.findElement(By.xpath("))

}

}