package testngActivities2;

import org.openqa.selenium.Alert;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

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

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

import org.testng.Assert;

import org.testng.Reporter;

import org.testng.annotations.AfterClass;

import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeClass;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

public class Activity9 {

WebDriver driver;

WebDriverWait wait;

@Test

public void simpleAlertTestCase() {

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

wait=new WebDriverWait(driver,20);

wait.until(ExpectedConditions.visibilityOf(simplealert));

simplealert.click();

Reporter.log("Clicked on Simple alert");

wait.until(ExpectedConditions.alertIsPresent());

Alert alert1 = driver.switchTo().alert();

System.out.println( alert1.getText());

Assert.assertEquals(alert1.getText(), "This is a JavaScript Alert!");

alert1.accept();

Reporter.log("Accepted the simple alert");

}

@Test

public void confirmAlertTestCase() {

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

wait=new WebDriverWait(driver,20);

wait.until(ExpectedConditions.visibilityOf(confirmalert));

confirmalert.click();

Reporter.log("Clicked on Confirm alert");

wait.until(ExpectedConditions.alertIsPresent());

Alert alert2 = driver.switchTo().alert();

System.out.println( alert2.getText());

Assert.assertEquals(alert2.getText(), "This is a JavaScript Confirmation!");

alert2.accept();

Reporter.log("Accepted the confirm alert");

}

@Test

public void promptAlertTestCase() {

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

wait=new WebDriverWait(driver,20);

wait.until(ExpectedConditions.visibilityOf(promptalert));

promptalert.click();

Reporter.log("Clicked on prompt alert");

wait.until(ExpectedConditions.alertIsPresent());

Alert alert3 = driver.switchTo().alert();

System.out.println( alert3.getText());

alert3.sendKeys("hello");

Reporter.log("sent text in prompt alert");

Assert.assertEquals(alert3.getText(), "This is a JavaScript Prompt!");

alert3.accept();

Reporter.log("Accepted the prompt alert");

}

@BeforeClass

public void beforeclass()

{

driver = new FirefoxDriver();

driver.get("https://www.training-support.net/selenium/javascript-alerts");

Reporter.log("Navigated to alert URL");

}

@AfterClass

public void afterclass()

{

driver.close();

Reporter.log("Closed the browser");

}

@BeforeMethod

public void beforemethod()

{

driver.switchTo().defaultContent();

}

}