import java.io.File;

import java.io.IOException;

import java.util.Iterator;

import java.util.Set;

import org.apache.commons.io.FileUtils;

import org.openqa.selenium.By;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.WindowType;

import org.openqa.selenium.chrome.ChromeDriver;

public class NewWindow {

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

// TODO Auto-generated method stub

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

WebDriver driver=new ChromeDriver();

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

//Switching Window

driver.switchTo().newWindow(WindowType.WINDOW);

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

Iterator<String> it=handles.iterator();

String parentWindowId = it.next();

String childWindow =it.next();

driver.switchTo().window(childWindow);

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

String courseName = driver.findElements(By.cssSelector("a[href\*='https://courses.rahulshettyacademy.com/p']"))

.get(1).getText();

driver.switchTo().window(parentWindowId);

WebElement name=driver.findElement(By.cssSelector("[name='name']"));

name.sendKeys(courseName);

//Screenshot

File file=name.getScreenshotAs(OutputType.FILE);

FileUtils.copyFile(file, new File("logo.png"));

//driver.quit();

//GEt Height & Width

System.out.println(name.getRect().getDimension().getHeight());

System.out.println(name.getRect().getDimension().getWidth());

}

}