package seleniummultiplewindows;

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.WebDriver.Timeouts;

import org.openqa.selenium.firefox.FirefoxDriver;

//import org.testng.annotations.Test;

public class MultipleWindows {

//@Test

//public void seleniummultiplewindows() throws InterruptedException

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

{

System.setProperty("webdriver.gecko.driver", "C:\\selenium softwares\\geckodriver.exe") ;

WebDriver d=new FirefoxDriver();

d.manage().window().maximize();

d.get("https://mycentralcas.ucmo.edu:8447/cas-web/login?service=https%3A%2F%2Fmycentral.ucmo.edu%2Fc%2Fportal%2Flogin");

Timeouts implicitlyWait = d.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

String parent\_window=d.getWindowHandle();

System.out.println("before switching title is="+d.getTitle());

d.findElement(By.xpath(".//\*[@id='login']/div[5]/p/a/b/font")).click();

Set<String> s1=d.getWindowHandles();

Iterator<String> i1=s1.iterator();

while(i1.hasNext()){

String child\_window= i1.next();

if(!parent\_window.equalsIgnoreCase(child\_window))

{

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

Thread.sleep(10000);

System.out.println("after switching title is="+d.getTitle());

d.quit();

}

}

d.switchTo().window(parent\_window);

System.out.println("back to parent window="+d.getTitle());

}

}