<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<suite name=*"Suite"* parallel=*"tests"*>

<test name=*"FirefoxTest"*>

<parameter name=*"browser"* value=*"firefox"* />

<classes>

<class name=*"testcase.TestNGClass"* />

</classes>

</test>

<test name=*"ChromeTest"*>

<parameter name=*"browser"* value=*"chrome"* />

<classes>

<class name=*"testcase.TestNGClass"* />

</classes>

</test>

</suite>

package testcase;

import org.openqa.selenium.\*;

import org.openqa.selenium.remote.RemoteWebDriver;

import org.openqa.selenium.remote.DesiredCapabilities;

import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Parameters;

import org.testng.annotations.Test;

import java.net.URL;

import java.util.concurrent.TimeUnit;

import java.net.MalformedURLException;

public class TestNGClass

{

public WebDriver driver;

public String URL, Node;

protected ThreadLocal<RemoteWebDriver> threadDriver = null;

@Parameters("browser")

@BeforeTest

public void launchapp(String browser) throws MalformedURLException

{

String URL = "http://www.google.com/";

if (browser.equalsIgnoreCase("firefox"))

{

System.out.println(" Executing on FireFox");

String Node = "http://192.168.1.45:5555/wd/hub";

DesiredCapabilities cap = DesiredCapabilities.firefox();

cap.setBrowserName("firefox");

driver = new RemoteWebDriver(new URL(Node), cap);

// Puts an Implicit wait, Will wait for 10 seconds before throwing exception

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

// Launch website

driver.navigate().to(URL);

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

}

else if (browser.equalsIgnoreCase("chrome"))

{

System.out.println(" Executing on CHROME");

DesiredCapabilities cap = DesiredCapabilities.chrome();

cap.setBrowserName("chrome");

String Node = "http://192.168.1.45:6666/wd/hub";

driver = new RemoteWebDriver(new URL(Node), cap);

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

// Launch website

driver.navigate().to(URL);

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

}

else if (browser.equalsIgnoreCase("ie"))

{

System.out.println(" Executing on IE");

DesiredCapabilities cap = DesiredCapabilities.chrome();

cap.setBrowserName("ie");

String Node = "http://10.112.66.52:5558/wd/hub";

driver = new RemoteWebDriver(new URL(Node), cap);

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

// Launch website

driver.navigate().to(URL);

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

}

else

{

throw new IllegalArgumentException("The Browser Type is Undefined");

}

}

@Test

public void calculatepercent()

{

driver.findElement(By.linkText("Gmail")).click();

/\*

// Click on Math Calculators

driver.findElement(By.xpath(".//\*[@id='menu']/div[3]/a")).click();

// Click on Percent Calculators

driver.findElement(By.xpath(".//\*[@id='menu']/div[4]/div[3]/a")).click();

// Enter value 10 in the first number of the percent Calculator

driver.findElement(By.id("cpar1")).sendKeys("10");

// Enter value 50 in the second number of the percent Calculator

driver.findElement(By.id("cpar2")).sendKeys("50");

// Click Calculate Button driver.findElement(By.xpath(".//\*[@id='content']/table/tbody/tr/td[2]/input")).click();

// Get the Result Text based on its xpath

String result = driver.findElement(By.xpath(".//\*[@id='content']/p[2]/span/font/b")).getText();

// Print a Log In message to the screen

System.out.println(" The Result is " + result);

if(result.equals("5"))

{

System.out.println(" The Result is Pass");

}

else

{

System.out.println(" The Result is Fail");

}

\*/

}

@AfterTest

public void closeBrowser()

{

driver.quit();

}

}