

TestNG Using Multiple Browsers or Parallel Testing

```
package MultipleBroserParallel;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.ie.InternetExplorerDriver;
import org.testng.annotations.AfterTest;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Parameters;
import org.testng.annotations.Test;

public class TestDemo {

    WebDriver driver;
    String BaseUrl = "https://www.nopcommerce.com/en";

    @Parameters("browserName")
    @BeforeTest
    public void setUp(String browserName) {
        System.out.println("Browser name is.." + browserName);

        if (browserName.equalsIgnoreCase("chrome")) {
            System.setProperty("webdriver.chrome.driver",
                "D:\\Selenium\\Selenium Browsers Jars\\Chrome 84\\chromedriver.exe");
            driver = new ChromeDriver();
        } else if (browserName.equalsIgnoreCase("firefox")) {
            System.setProperty("webdriver.gecko.driver",
                "D:\\Selenium\\Selenium Browsers Jars\\FireFox\\geckodriver.exe");
            driver = new FirefoxDriver();
        } else if (browserName.equalsIgnoreCase("ie")) {
            System.setProperty("webdriver.ie.driver",
                "D:\\Selenium\\Selenium Browsers Jars\\IE\\IE 64\\IEDriverServer.exe");
            driver = new InternetExplorerDriver();
        }
    }

    @Test
    public void BrowserTest() throws Exception {
        driver.get(BaseUrl);
        driver.manage().window().maximize();
        Thread.sleep(5000);
    }

    @AfterTest
    public void tearDown() {
        driver.quit();
    }
}
```

Create TestNG File to Execute Above Program

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">

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

    <test name="ChromeBrowser">
        <parameter name="browserName" value="chrome"></parameter>
        <classes>
            <class name="MultipleBroserParallel.TestDemo" />
        </classes>
    </test>

    <test name="FirefoxBrowser">
        <parameter name="browserName" value="firefox"></parameter>
        <classes>
            <class name="MultipleBroserParallel.TestDemo" />
        </classes>
    </test>

    <test name="IEBrowser">
        <parameter name="browserName" value="ie"></parameter>
        <classes>
            <class name="MultipleBroserParallel.TestDemo" />
        </classes>
    </test>

</suite>
```