

Important Note: Please use Firefox version less than 47. Below are links to download Firefox 46

<https://ftp.mozilla.org/pub/firefox/releases/46.0/mac/en-US/Firefox%2046.0.dmg> (MAC)

or

<https://ftp.mozilla.org/pub/firefox/releases/46.0/win64/en-US/Firefox%20Setup%2046.0.exe> (Windows) for this assignment

1. Setup Java -> Download
<http://www.oracle.com/technetwork/java/javase/downloads/jdk7-downloads-1880260.html> and Double click it
2. Setup Eclipse IDE for Java Developers -> Download and
<http://www.eclipse.org/downloads/packages/eclipse-ide-java-ee-developers/mars2>
Extract and Open Eclipse
3. Setup Gradle ->
Download <https://gradle.org/gradle-download/> and Extract it and Put bin in the PATH
4. Create Folder Structure as follows
Project Folder -> src -> main -> java
5. Create build.gradle file in Project Folder
apply plugin: 'java'

apply plugin: 'eclipse'

```
repositories {  
    mavenCentral()  
}
```

```
dependencies {  
    compile 'mysql:mysql-connector-java:5.1.29'  
    compile "org.testng:testng:6.8.7"  
    compile("org.uncommons:reportng:1.1.2") {  
        exclude group: "org.testng", module: "testng"  
    }  
    compile "com.jcraft:jsch:0.1.44-1"  
    compile "org.seleniumhq.selenium:selenium-java:2.53.0"  
    compile "javax.servlet:servlet-api:2.5"  
    compile "net.sourceforge.jexcelapi:jxl:2.6.12"  
}
```

```
version = '1.0'
```

```
jar {  
    manifest.attributes provider: 'gradle'  
}
```

```
task run(type: JavaExec, dependsOn: classes) {  
    main = 'org.testng.TestNG'
```

```

args = ['build/resources/main/testng.xml'].toList()
classpath configurations.runtime
classpath sourceSets.main.output
}

```

6. Run gradle cleanEclipse eclipse from Terminal or Command Line (cmd)
7. Create Java Project and import this Project Folder
8. Create New Class called MyFirstTest with following content

```
import java.util.concurrent.TimeUnit;
```

```
import org.openqa.selenium.By;
import org.openqa.selenium.firefox.FirefoxDriver;
```

```

public class MyFirstTest {

    public static void main(String[] args) {
        FirefoxDriver wb = new FirefoxDriver();
        wb.manage().timeouts().implicitlyWait(3, TimeUnit.SECONDS);

        wb.get("http://www.gmail.com");

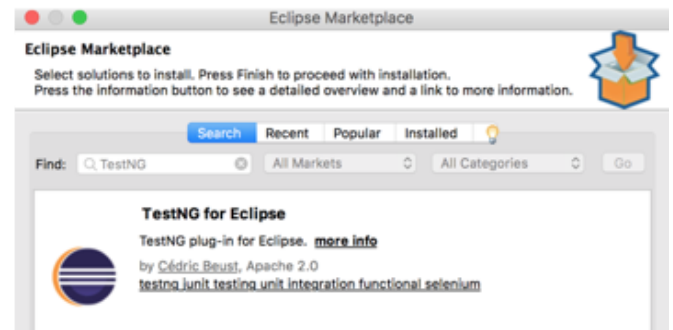
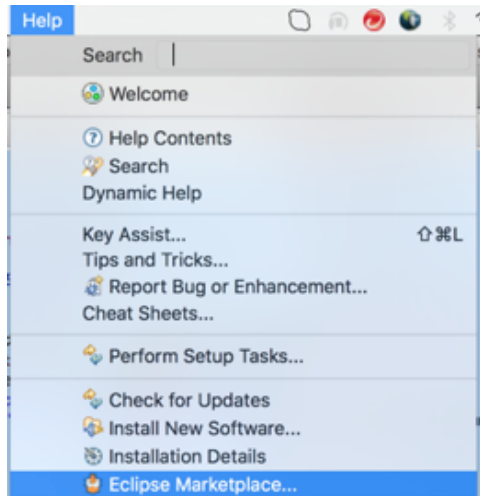
        wb.findElements(By.xpath("//*[@id=\"Email\"]")).get(0).sendKeys(
            "yagna.bitspilani@gmail.com");
        wb.findElement(By.id("next")).click();
        wb.findElements(By.xpath("//*[@id=\"Passwd\"]")).get(0).sendKeys("#2");
        wb.findElements(By.xpath("//*[@id=\"signIn\"]")).get(0).click();

        wb.close();
    }
}

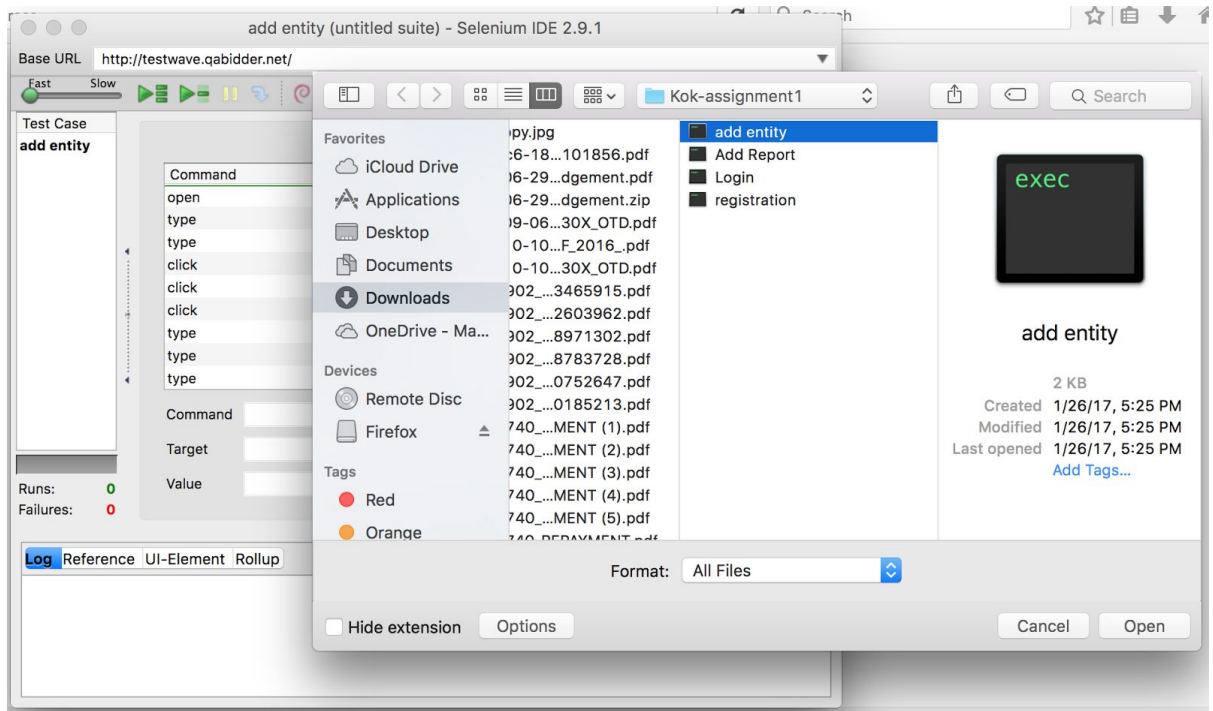
```

9. Run This Test and see if it opens Firefox Browser, goes to gmail.com, enters email and password.

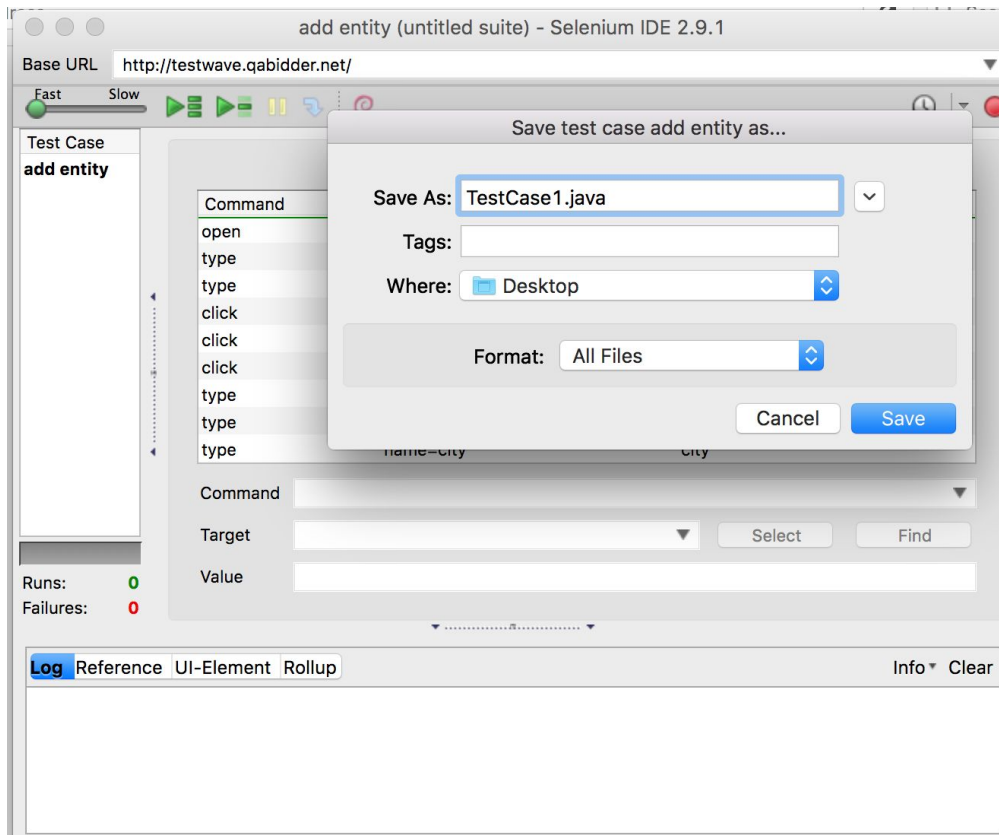
10. Install TestNG Plugin for Eclipse



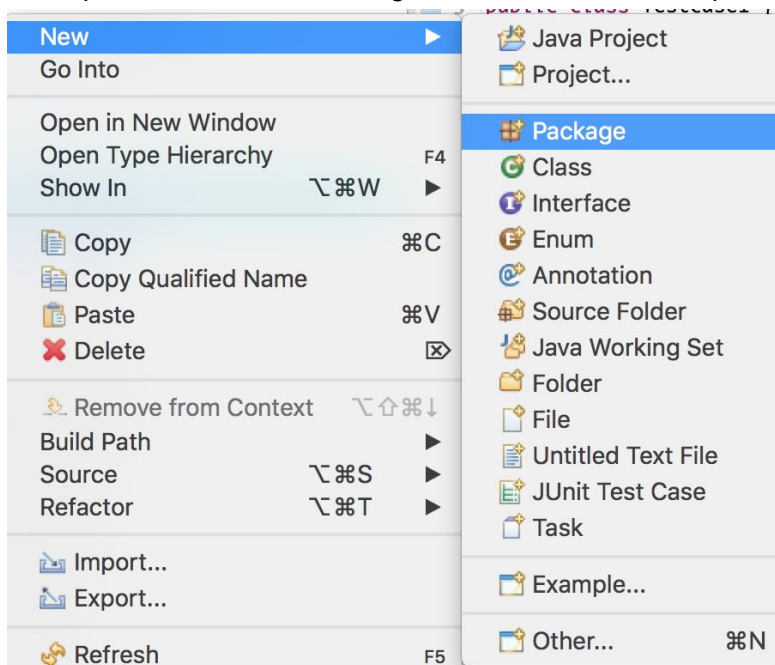
11. Open Existing Selenium IDE Test in Selenium IDE on Firefox

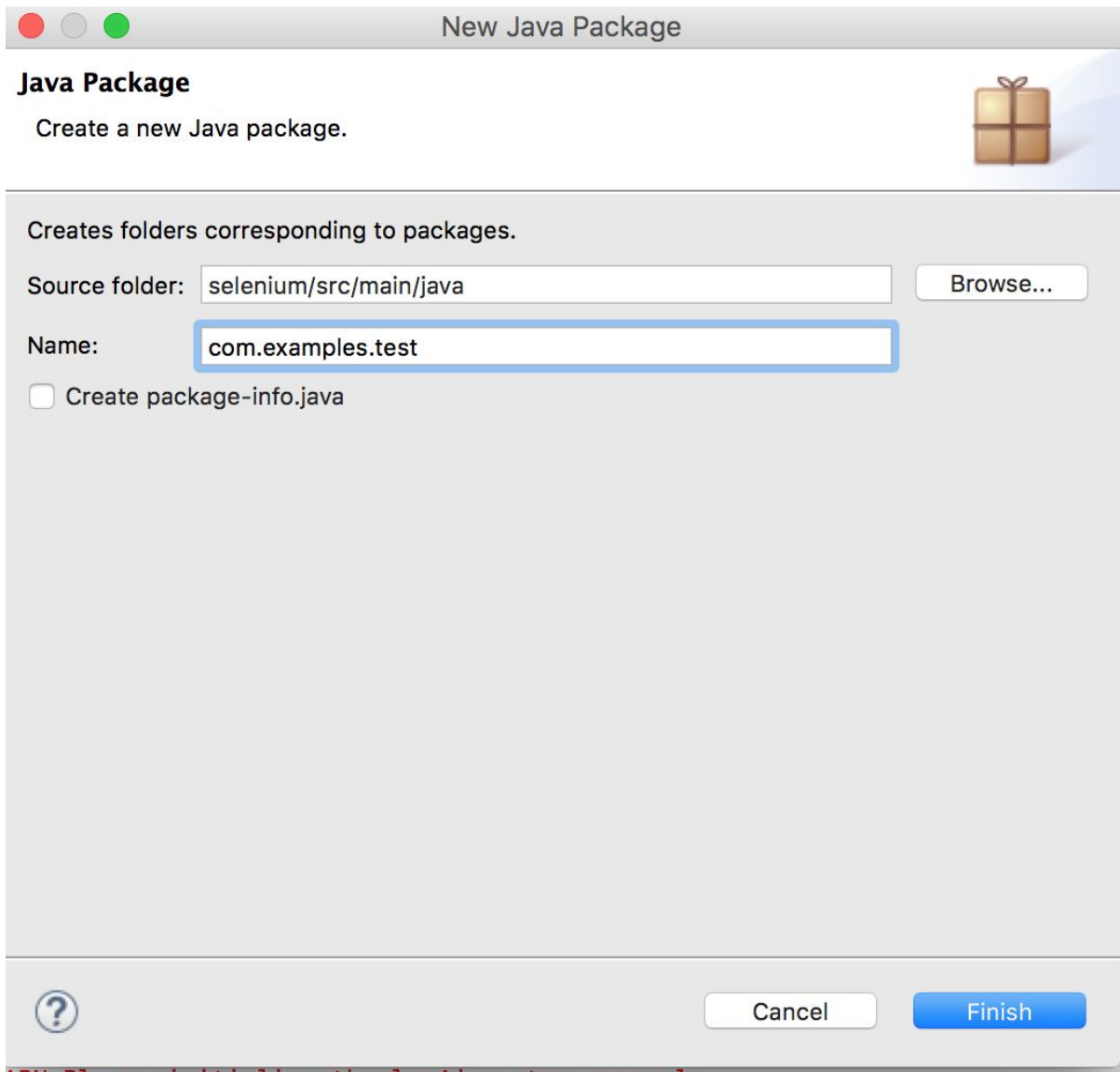


12. Export Test Case as “Java/ TestNG/ WebDriver” and Save it with some name like TestCase1.java

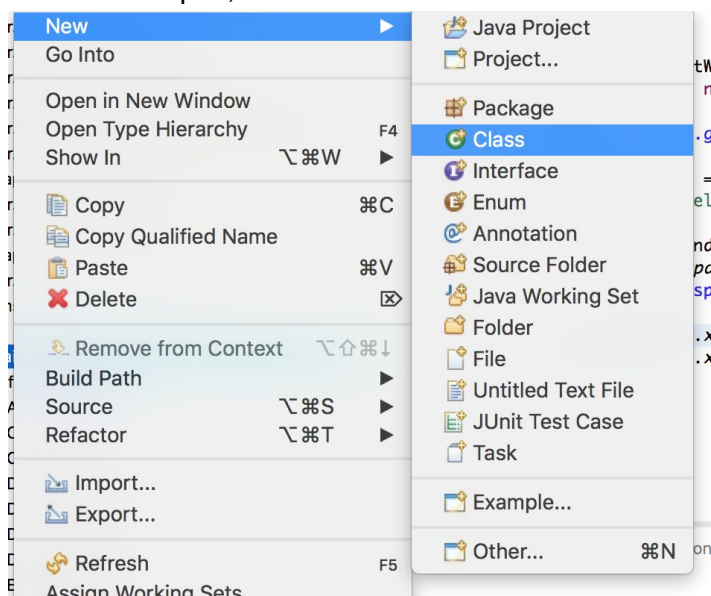


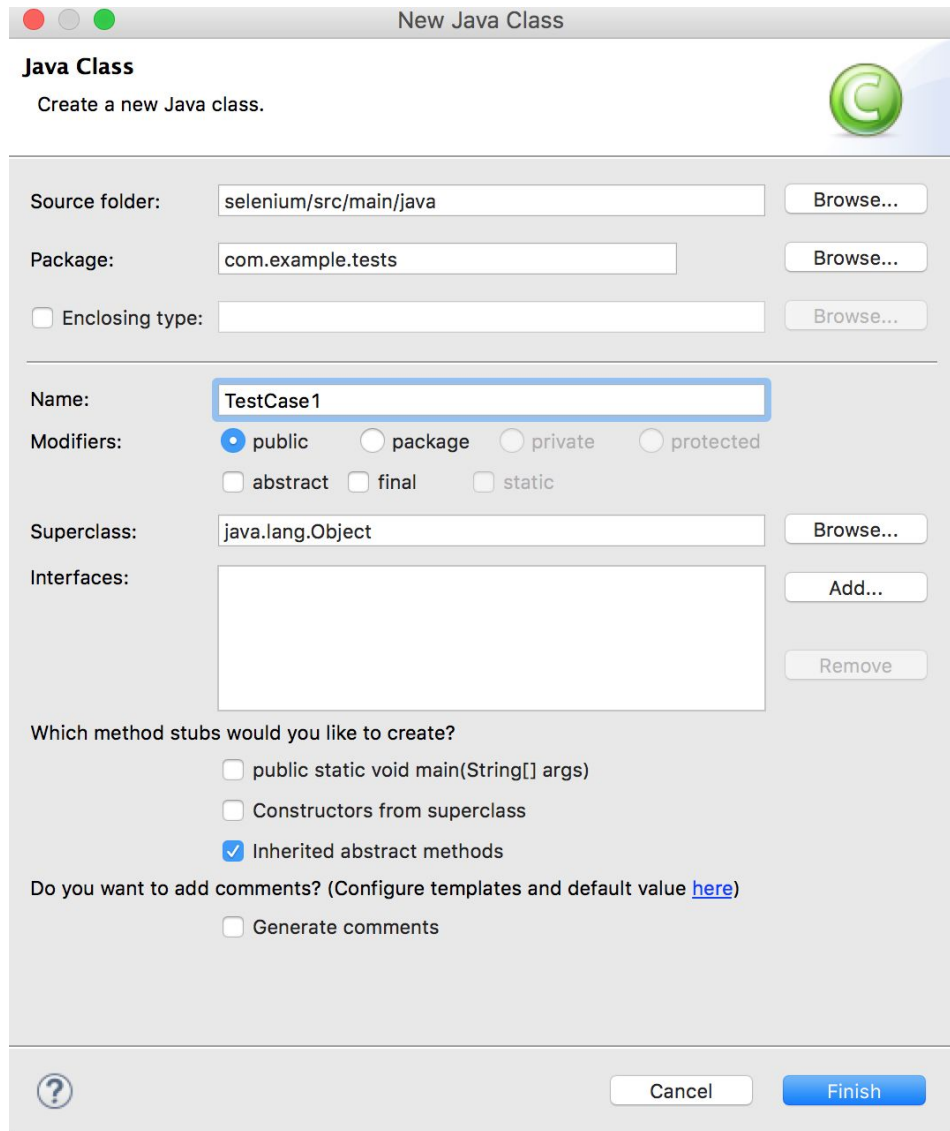
13. In Eclipse, Create New Package with Name com.example.tests





14. In Eclipse, Create New class with Name TestCase1

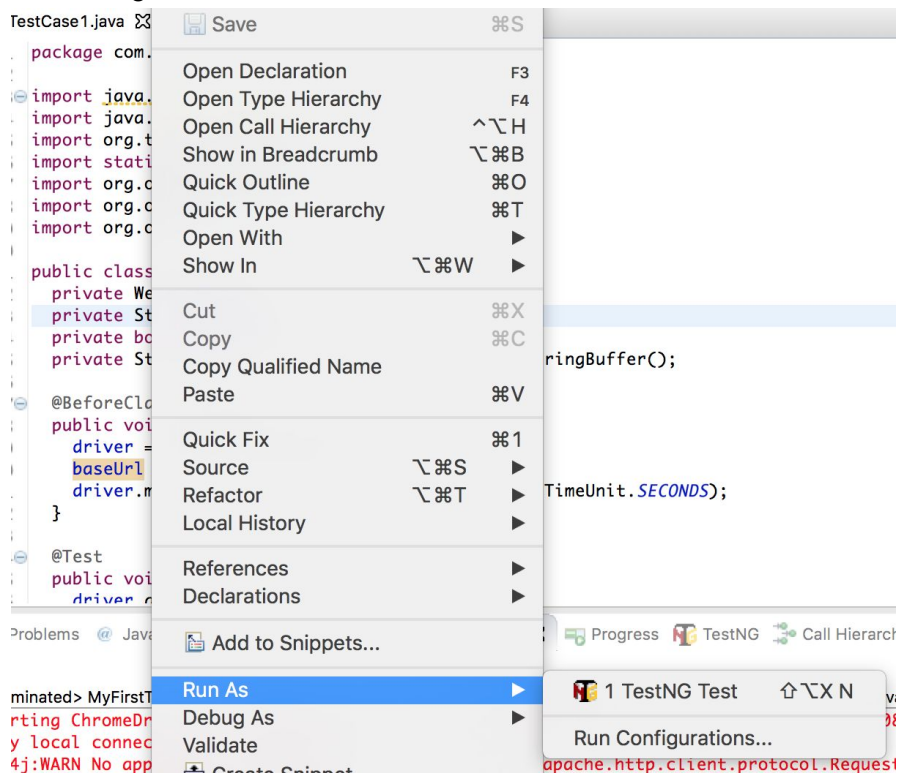




15. Copy Code from TestCase1.java and Replace content of TestCase1 in Eclipse

```
1 package com.example.tests;
2
3 import java.util.regex.Pattern;
4 import java.util.concurrent.TimeUnit;
5 import org.testng.annotations.*;
6 import static org.testng.Assert.*;
7 import org.openqa.selenium.*;
8 import org.openqa.selenium.firefox.FirefoxDriver;
9 import org.openqa.selenium.support.ui.Select;
10
11 public class TestCase1 {
12     private WebDriver driver;
13     private String baseUrl;
14     private boolean acceptNextAlert = true;
15     private StringBuffer verificationErrors = new StringBuffer();
16
17     @BeforeClass(alwaysRun = true)
18     public void setUp() throws Exception {
19         driver = new FirefoxDriver();
20         baseUrl = "http://testwave.qabidder.net/";
21         driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
22     }
23
24     @Test
25     public void testCase1() throws Exception {
26         driver.get(baseUrl + "/#/page/login");
27     }
28 }
```

16. Right Click on the code and Select "Run As" -> "TestNG Test"



17. This should run your testcase in Firefox.

