

Pre-Requirements:

Microsoft Windows 7/8/10 (Windows 10 preferred)

JDK

Eclipse IDE 2018-12

Selenium Webdriver

Chrome and Firefox Drivers

TestNG Libraries

Maven

Github Account (Optional)

Setup and Installation guidelines:

Step 1: Checking if Java Development Toolkit is installed or not:

First verify whether java is already installed on your machine or not go to command prompt and type command “java -version” and press enter.

If java is already installed on your machine then system will give you output like this:

```
java version "1.8.0_73"
```

```
Java(TM) SE Runtime Environment (build 1.8.0_73-b02)
```

```
Java HotSpot(TM) 64-Bit Server VM (build 25.73-b02, mixed mode) ....
```

If java is not installed then system will give you output like this.

‘java’ is not recognized as an internal or external command, Operable program or batch file.

If you get above message then click Install JAVA/JDK from the below link:

<https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

Accept license agreement and then proceed to download by clicking on this link "jdk-8u231-windows-x64.exe".

It will ask you login or create an account,

If you don't want to create an account then you can use this oracle account to download:

Email: mujtabamehdi99@gmail.com

Password: Workshop@123

Create account if you don't have any oracle account or use above account to login to continue downloading JDK.

After successfully downloading the JDK and installing it, verify from command prompt again by running the same command.

```
java -version
```

Now you should get a correct response with version of your JDK and if you are still getting error then Google it.

Step 2: Downloading and installing Eclipse 2018-12 IDE

Download eclipse from the link given below:

Eclipse 2018-12: <https://www.eclipse.org/downloads/packages/release/2018-12/r>

After clicking on download you will be able to download this file: eclipse-inst-win64.exe.

Double-click on file to install the Eclipse. A new window will open. Click Eclipse IDE for Java Developers.

After success full installation of eclipse, Launch eclipse to verify if it has been successfully installed.

Step 3: Setting up our POM test project

Download the project from this link: <https://github.com/mujjazi/POM-Workshop>

After downloading the project, extract the contents of the zip to a folder and remember this path.

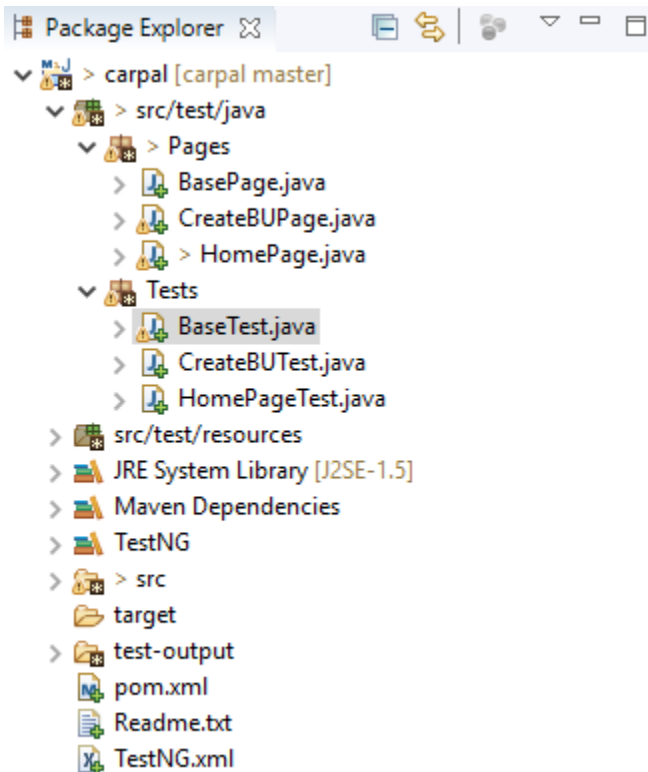
Step 4: Launch Eclipse and setup new POM project

Now launch eclipse and go to file > import > Projects from folder or archive under maven> Give the directory of your project above in Import source > Finish

Now you can see the downloaded project in your package explorer.

Step 5:

Now proceed to expand the directory structure to understand the project structure.



You will get an error on running the Test because of ChromeDriver path needs to be changed. For this you have to go to BasePage.java class and change the path to your current chromedriver/firefox driver path.

This path is which needed to be changed if you download your project on Desktop.

C:\Users\YOUR USERNAME\Desktop\POM\CarPal-master\carpal\src\test\resources\Drivers

Step 6:

Now you can proceed to run the tests from package explorer by selecting the HomePageTest file or by just right clicking on it and Run as > TestNG.

Browser should start automatically and Google > search > and browser should close.

If you get any error here it can be due to dependency issues (some library missing) or due to some version mismatch like Chrome version 75 will never work with latest chrome driver that is 79.

Please try to debug any error you get by searching it on Google, 95% of the time we are making a very trivial mistake and someone had already faced it before and posted a solution online probably on Stack Overflow :D