

## Requirements of selenium

- Java Setup
- Selenium setup
- Selenim standalone server
- Other Jar files
- Driver exe
  - fireFoxDriver - geckoDriver.exe
  - ChromeDriver -ChromeDriver.exe
  - IEDriver -IEDriver.exe

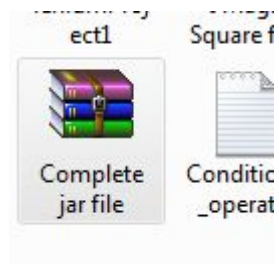
### 1. Java setup

- Java JRE
- JDK
- Eclipse IDE

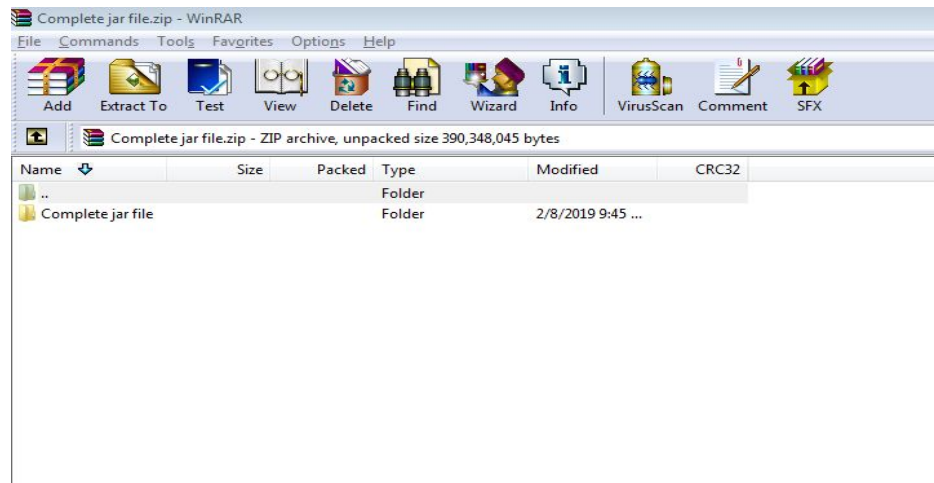
STEP 1:- Download Complete jar

<https://drive.google.com/open?id=1uS5vaWupoa8DicnhcEP6QT8smp77Y5ou>

STEP 2:- Search this jar file in Download folder

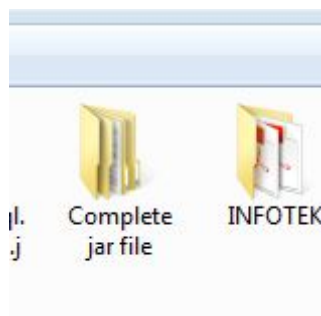


**STEP 3:-** Open complete jar file by double-clicking it

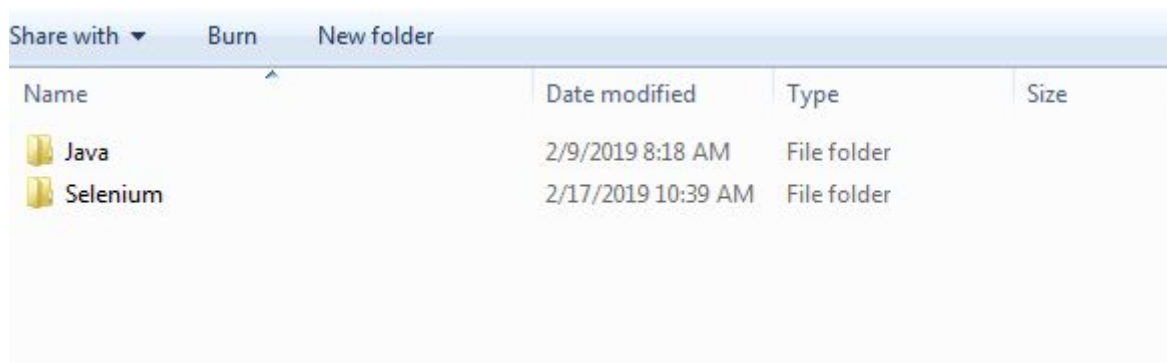


**STEP 4:-** Right-click on Complete jar file folder and select an option extract without confirmation.

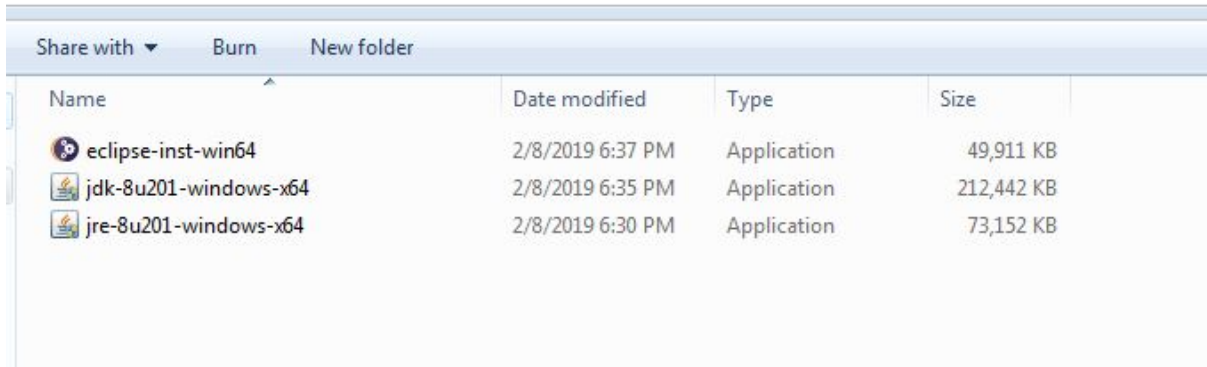
**STEP 5:-** Extracted file is present in the Downloads folder



**STEP 6:-** Open complete jar file



**STEP 7:-** Open Java folder



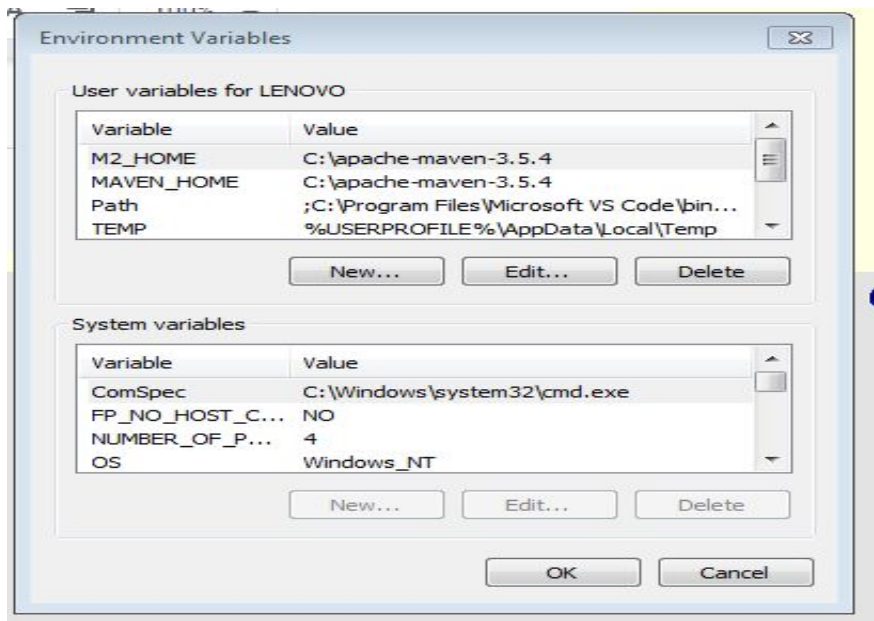
**STEP 8:-** Double click jre-8u201-windows-x64 and install by selecting next-next .

**STEP 9:-** Download and install jdk-8u201-window-x64 by double click and following steps.

**STEP 10 :-** Set environment variable before installing eclipse

**STEP 11:-** Go to search bar of your operating system(Eclipse) -> type “environment variable” -> select edit environment variables of your account

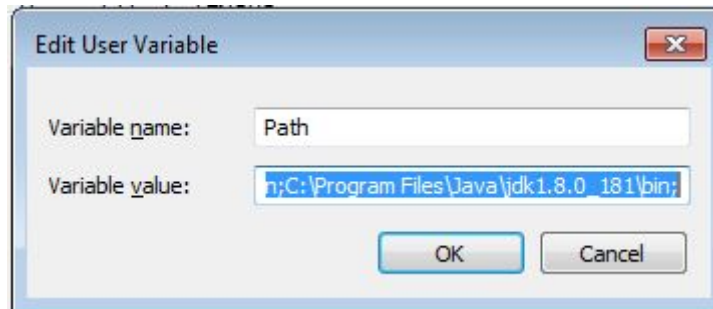
**STEP 12:-** It will open a new window like-



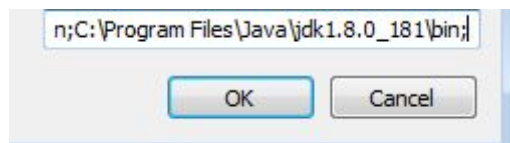
STEP 13:- From this window ->click Path of user variables -> then click edit



STEP 14:- Click path + edit -> open a new window

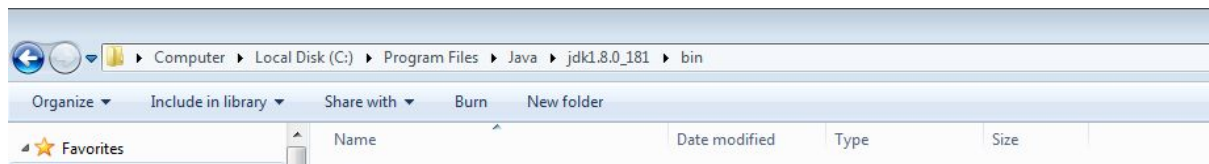


STEP 15:- Go to Variable\_value -> click in the text box and put a semicolon in the end



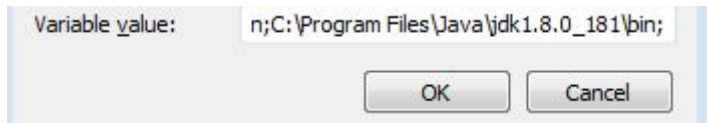
**NOTE :- After selecting path it may open a different window/page.  
If it displays a notebook kind of ruled page -> then select edit  
option given on the right side and paste path in next empty line.**

STEP 16:- Go to MyComputer/ThisPC ->C drive/OS drive ->Program Files  
->Java-> \jdk1.8.0\_181 -> bin  
Click on file path



Click on this bar and copy the path  
**C:\Program Files\Java\jdk1.8.0\_181\bin**

STEP 17:- Paste the copied path after semicolon-> ok -> ok



**STEP 18:-** Go back to complete jar file ->Java -> Install Eclipse by following all steps(select Java for developers if asked)

**STEP 19:-** Open Eclipse -> close welcome window on left top side.

**STEP 20:-** Go to File ->NEW -> Java Project “seleniumProject”-> Enter project name -> Finish

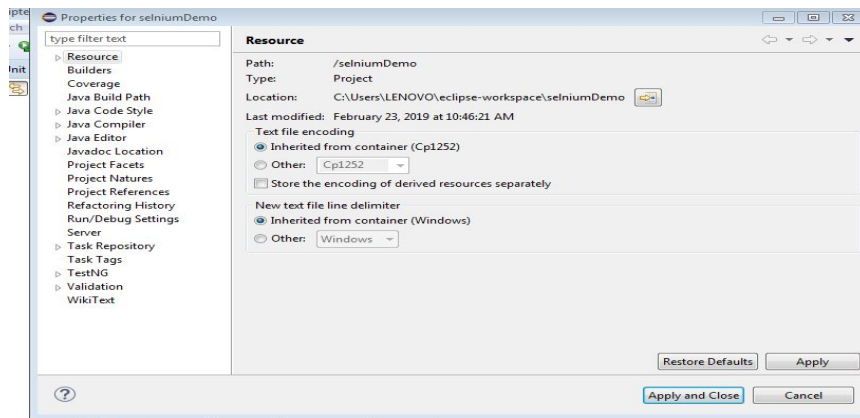


**STEP 21:-** Right-click on your project-> new -> Package -> enter package name -> finish

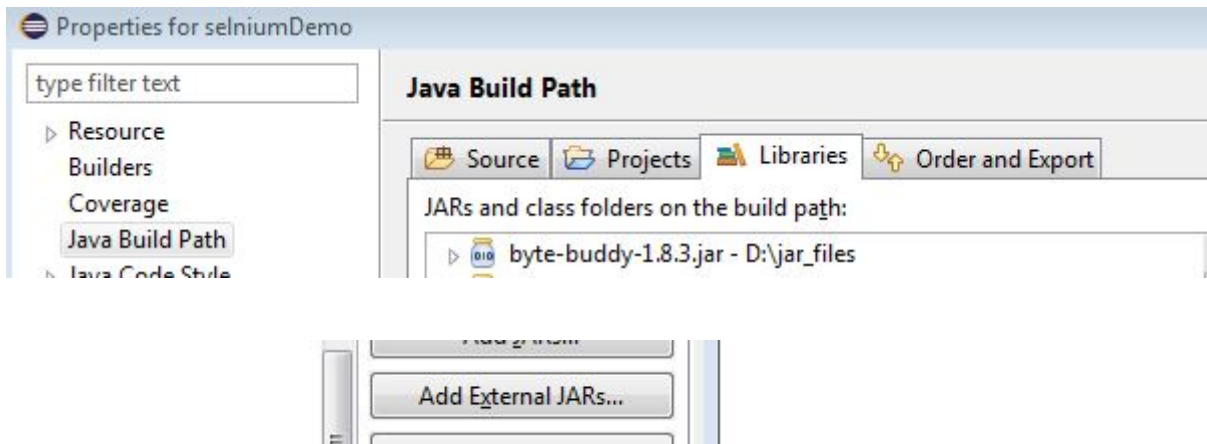
**STEP 22:-** Right click on created package ->new -> class -> Enter class name and select check box public static void main -> finish

## 2.Selenium setup

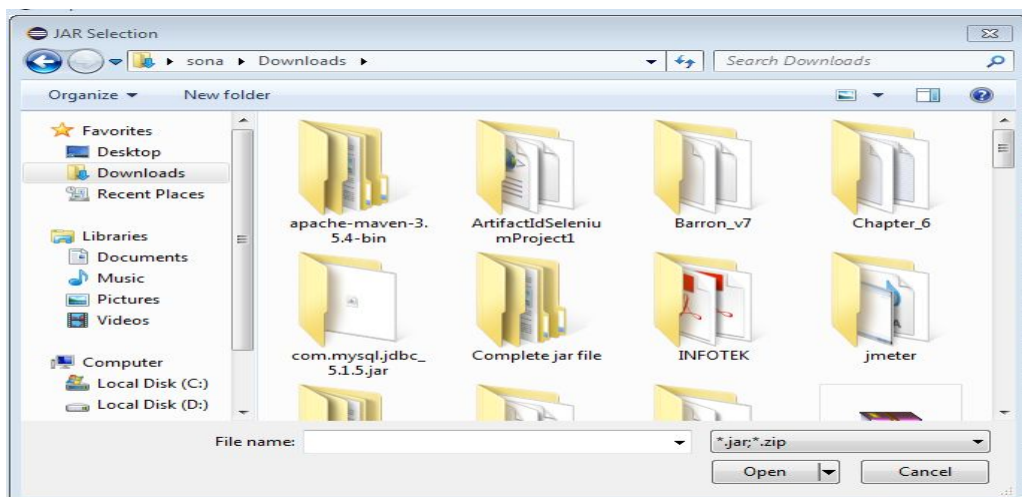
STEP 1:- Right click on a created project and go down in the list and select properties



STEP 2:- Select Java Build path -> libraries -> Add jar file



STEP 3:- Go to Downloads ->Complete jar file -> selenium

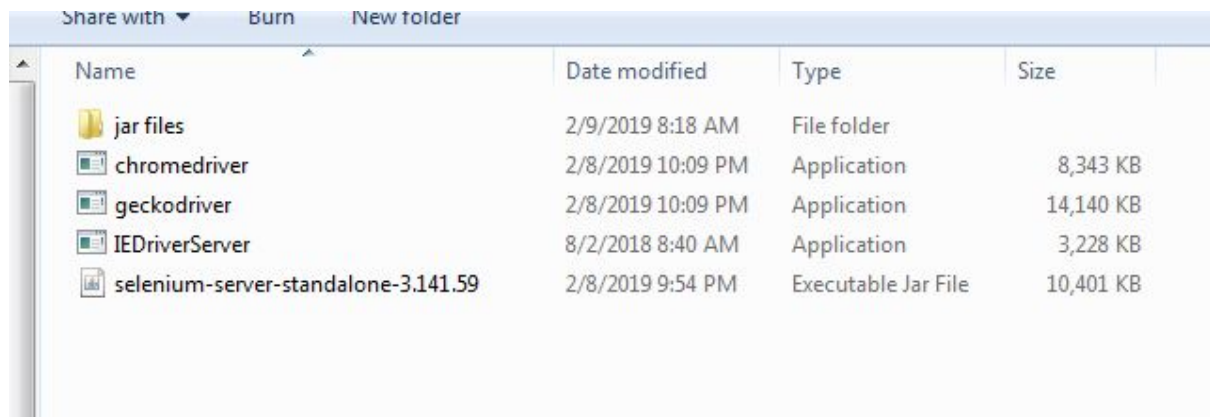


**STEP 4:-**Select elenium-server -standalone -> open -> apply and close

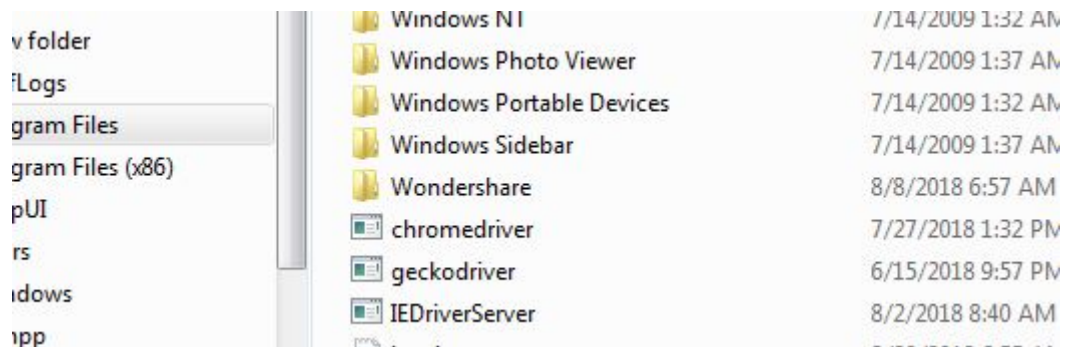


**STEP 5:-** Repeat step 23-26 and this time select jar -> select all (ctrl +A) -> apply and close

**STEP 6-** Go to Complete jar file in downloads -> selenium -> copy gecko, chrome ,IE driver.



And go to -> C:\Program Files -> paste there



Now you are ready to run selenium code.