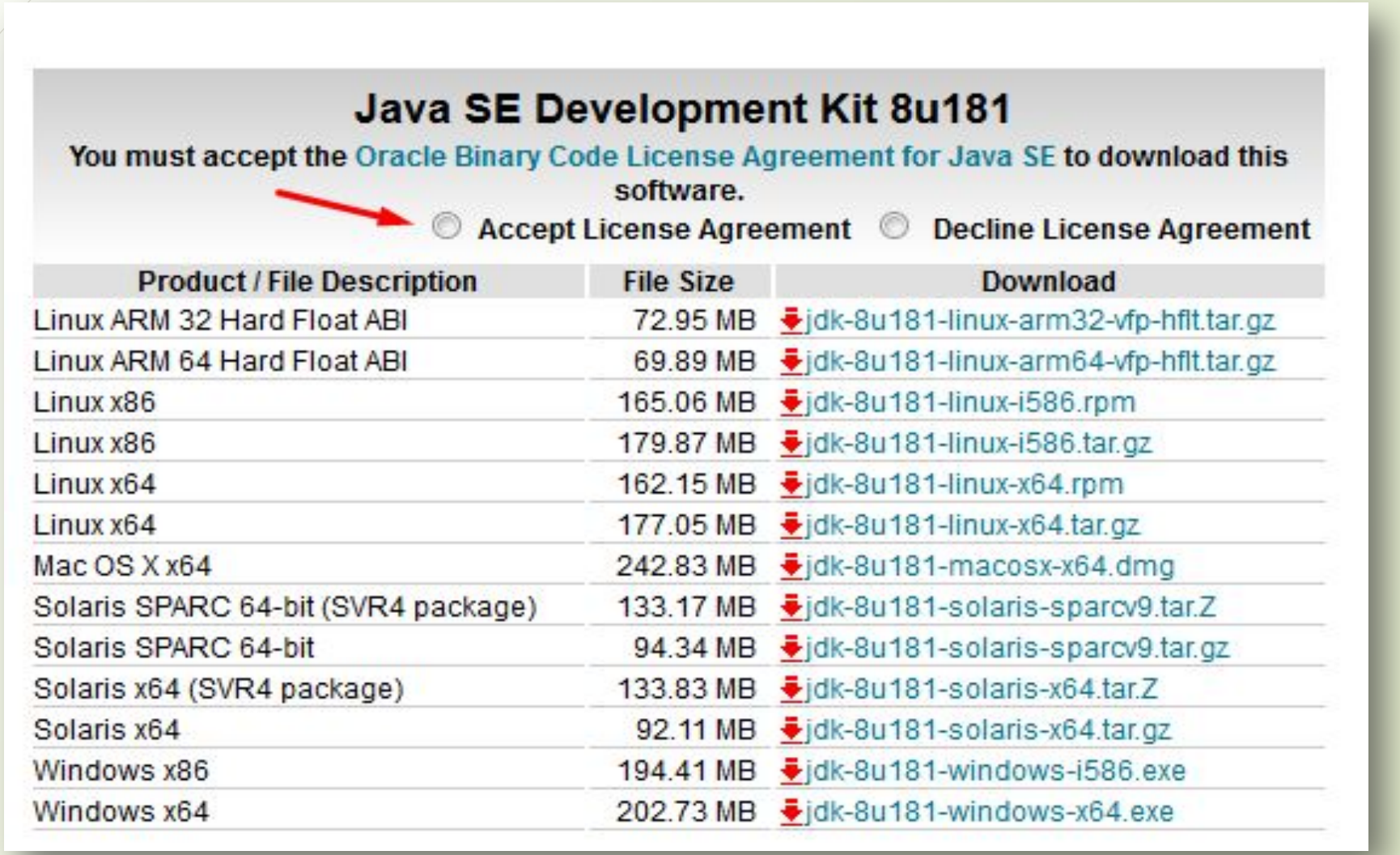
UI Automation. Selenium, TestNg, Java. Installation.

What we need to start automation

- Install Java SE Development Kit 8
- Install Intellij IDE
- Download Selenium
- Create a new project using Intelij IDE, add Selenium libraries to the project
- Download drivers (geckodriver, chromedriver, iedriver etc)
- Set Environment Variables
- Open any WEB application through Java to verify installation

JDK Installation

https://www.oracle.com/technetwork/java/javase/downloads/index.html



Java SE Development Kit 8u181

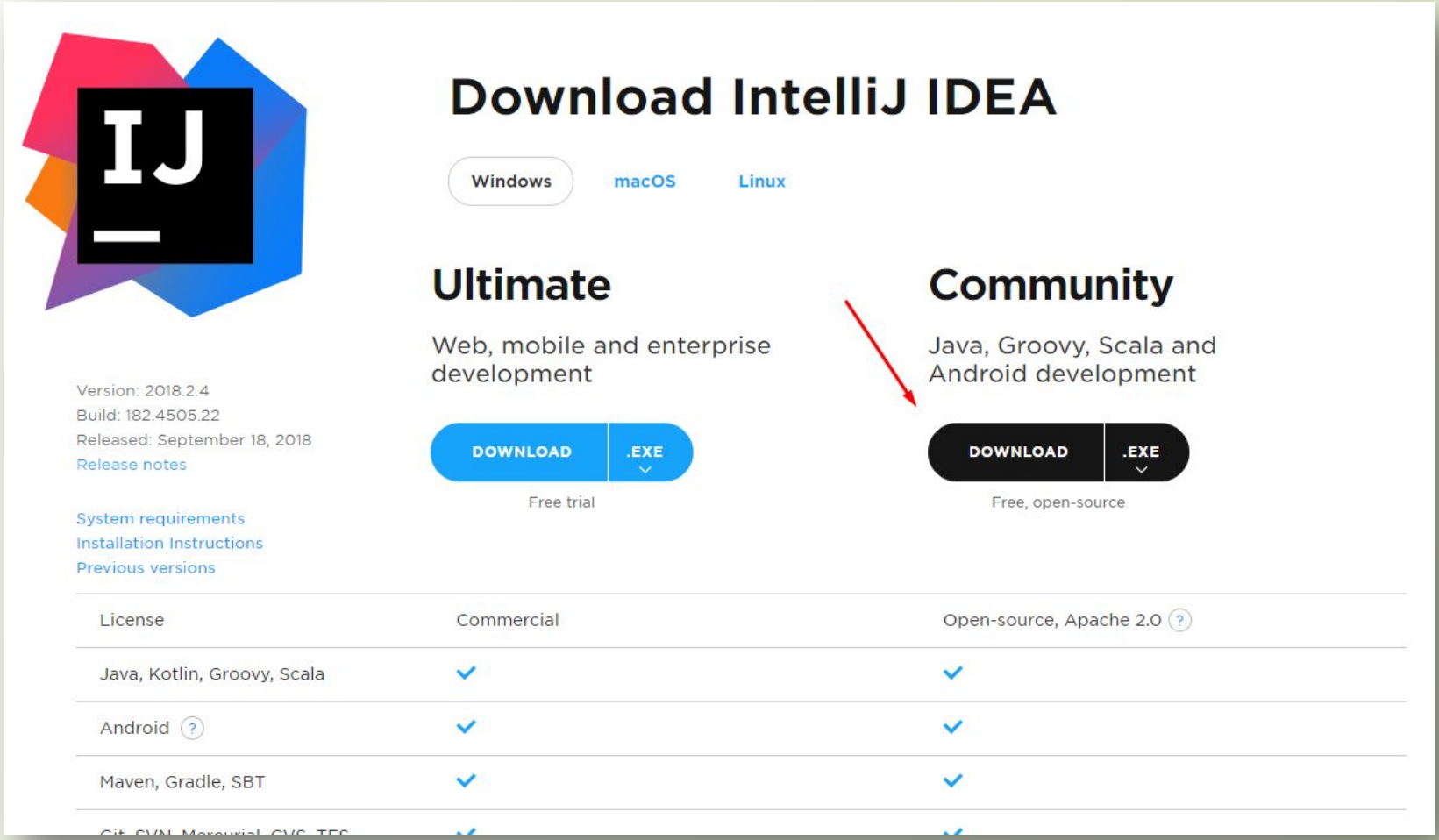
You must accept the Oracle Binary Code License Agreement for Java SE to download this software.

Accept License Agreement Decline License Agreement

Product / File Description	File Size	Download
Linux ARM 32 Hard Float ABI	72.95 MB	jdk-8u181-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64 Hard Float ABI	69.89 MB	jdk-8u181-linux-arm64-vfp-hflt.tar.gz
Linux x86	165.06 MB	jdk-8u181-linux-i586.rpm
Linux x86	179.87 MB	jdk-8u181-linux-i586.tar.gz
Linux x64	162.15 MB	jdk-8u181-linux-x64.rpm
Linux x64	177.05 MB	jdk-8u181-linux-x64.tar.gz
Mac OS X x64	242.83 MB	jdk-8u181-macosx-x64.dmg
Solaris SPARC 64-bit (SVR4 package)	133.17 MB	jdk-8u181-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	94.34 MB	jdk-8u181-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	133.83 MB	jdk-8u181-solaris-x64.tar.Z
Solaris x64	92.11 MB	jdk-8u181-solaris-x64.tar.gz
Windows x86	194.41 MB	jdk-8u181-windows-i586.exe
Windows x64	202.73 MB	jdk-8u181-windows-x64.exe

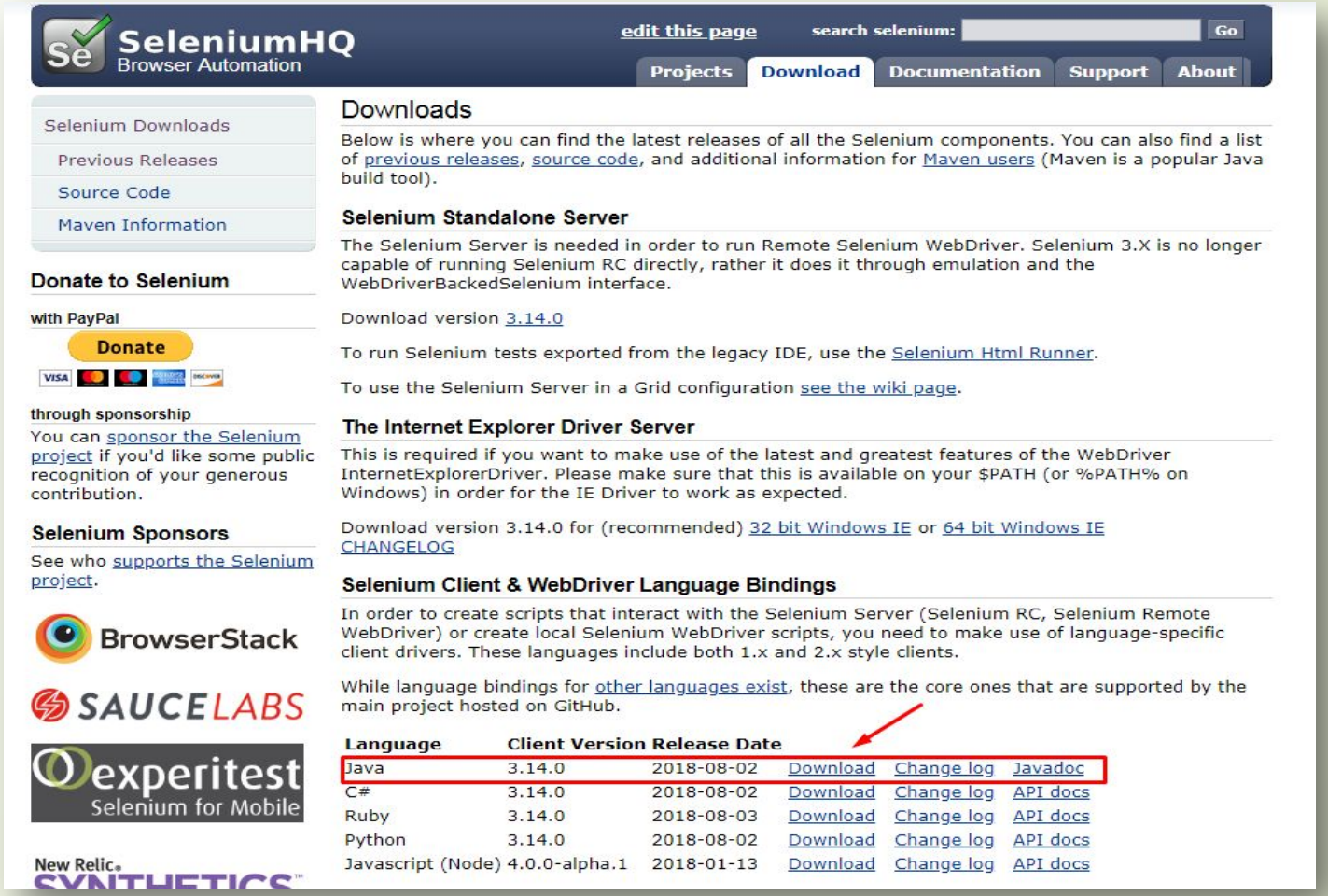
Intellij IDE Installation

https://www.jetbrains.com/idea/download/#section=windows

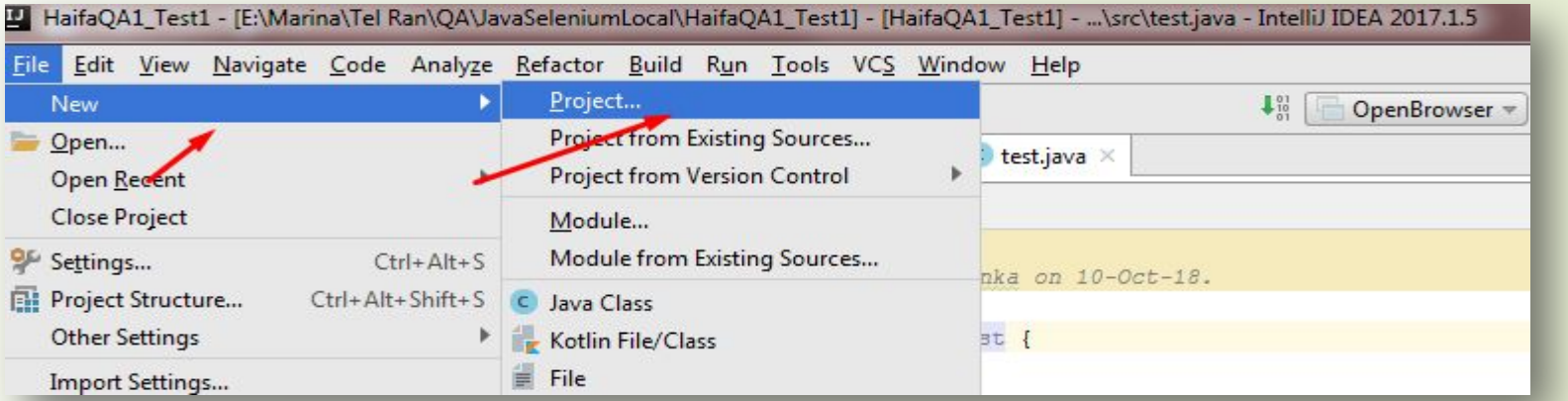


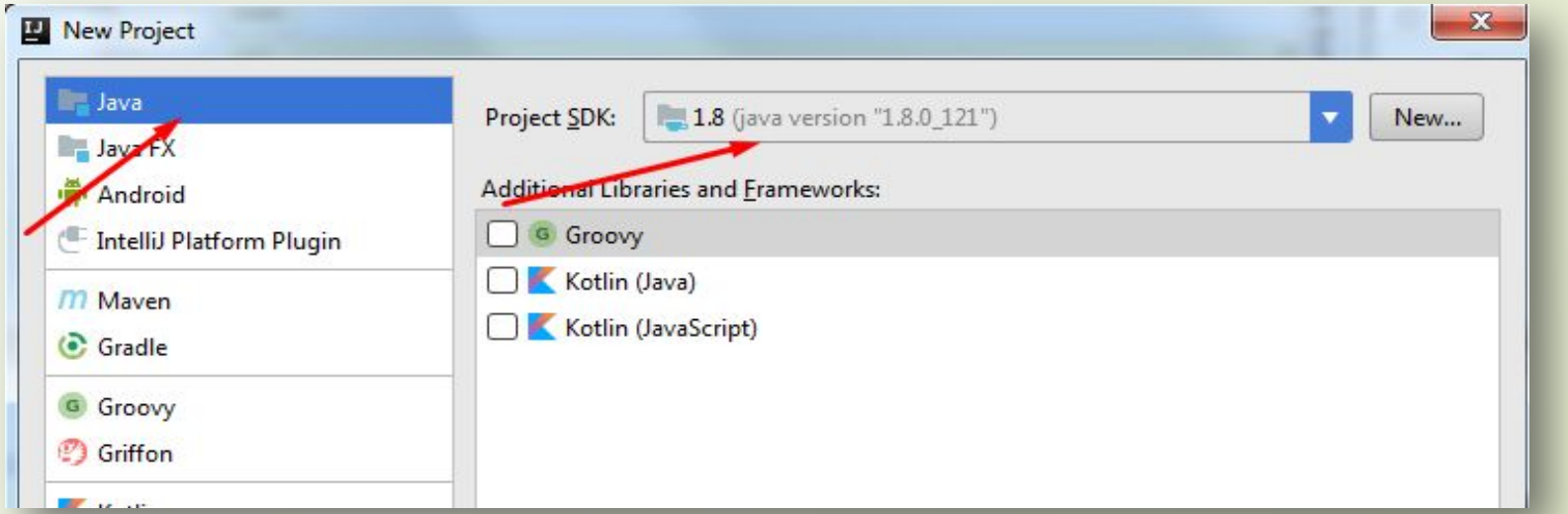
Download Selenium Libraries

https://www.seleniumhq.org/download

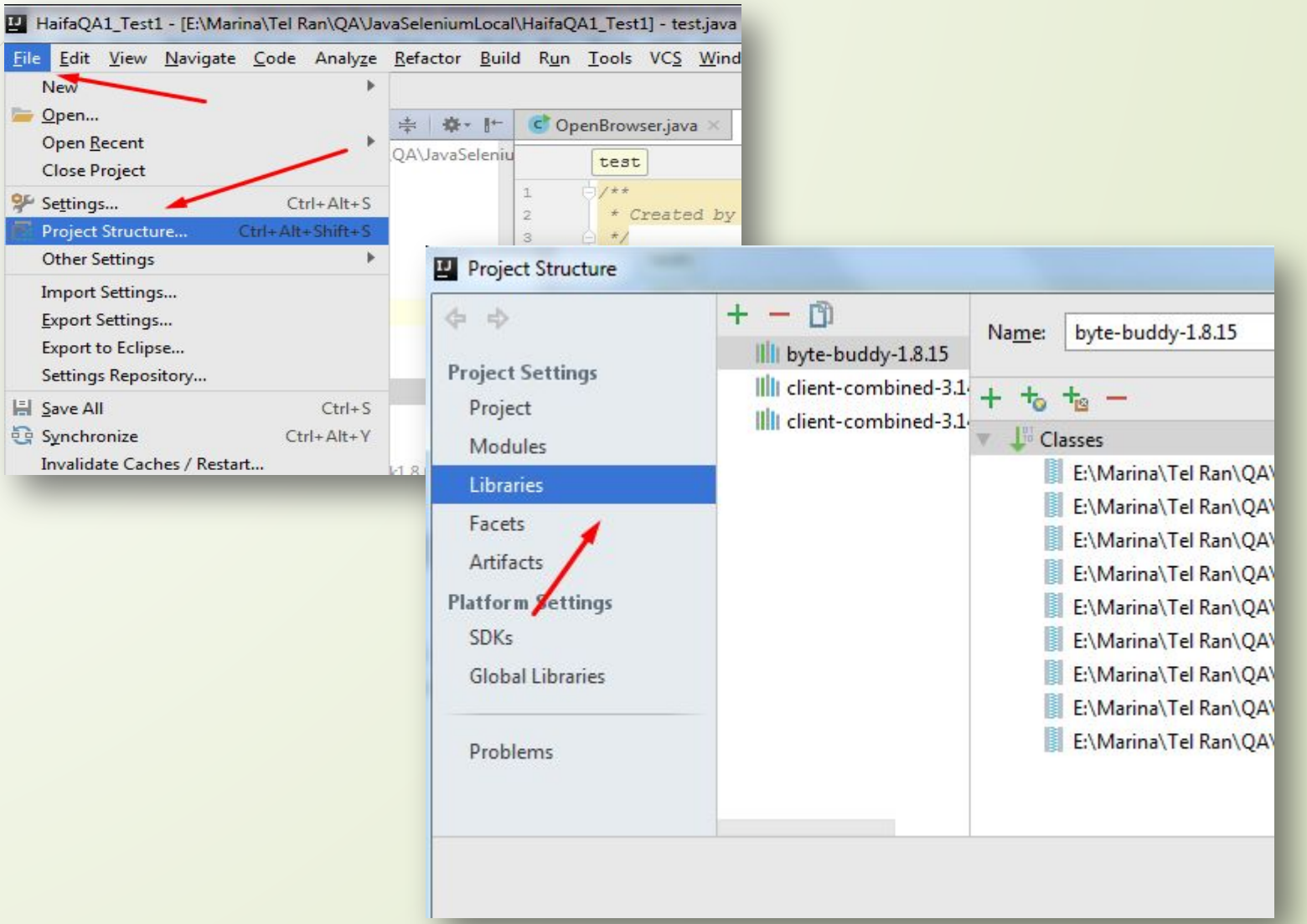


Create a new project in Intellij IDE

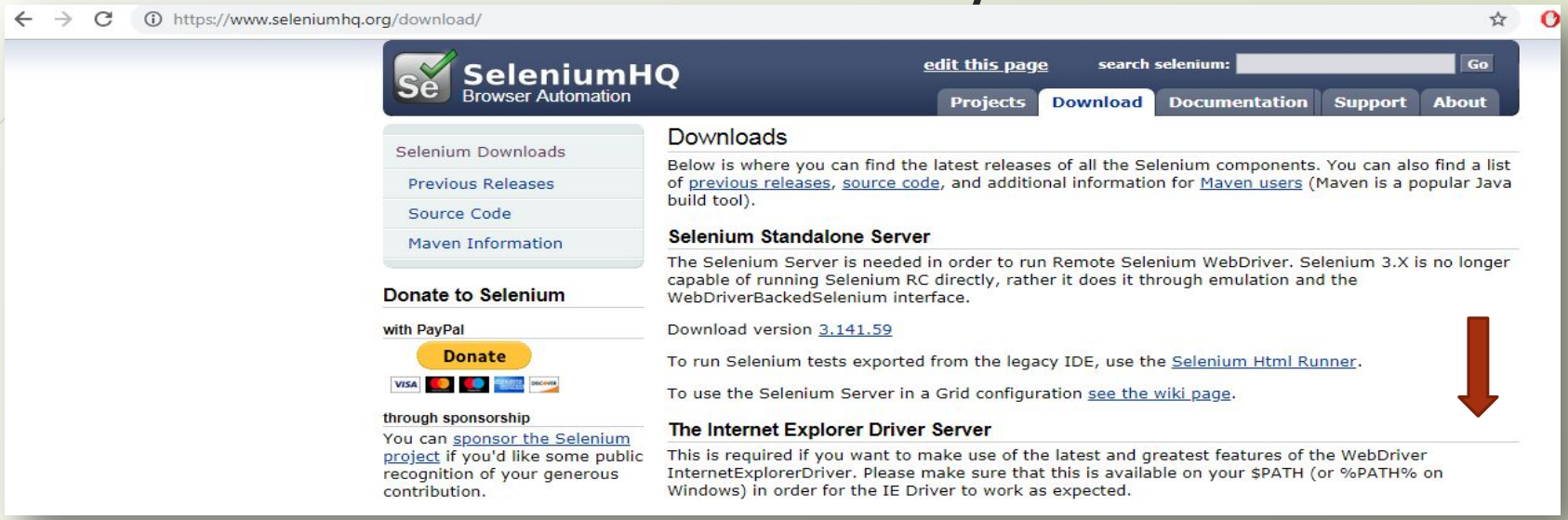




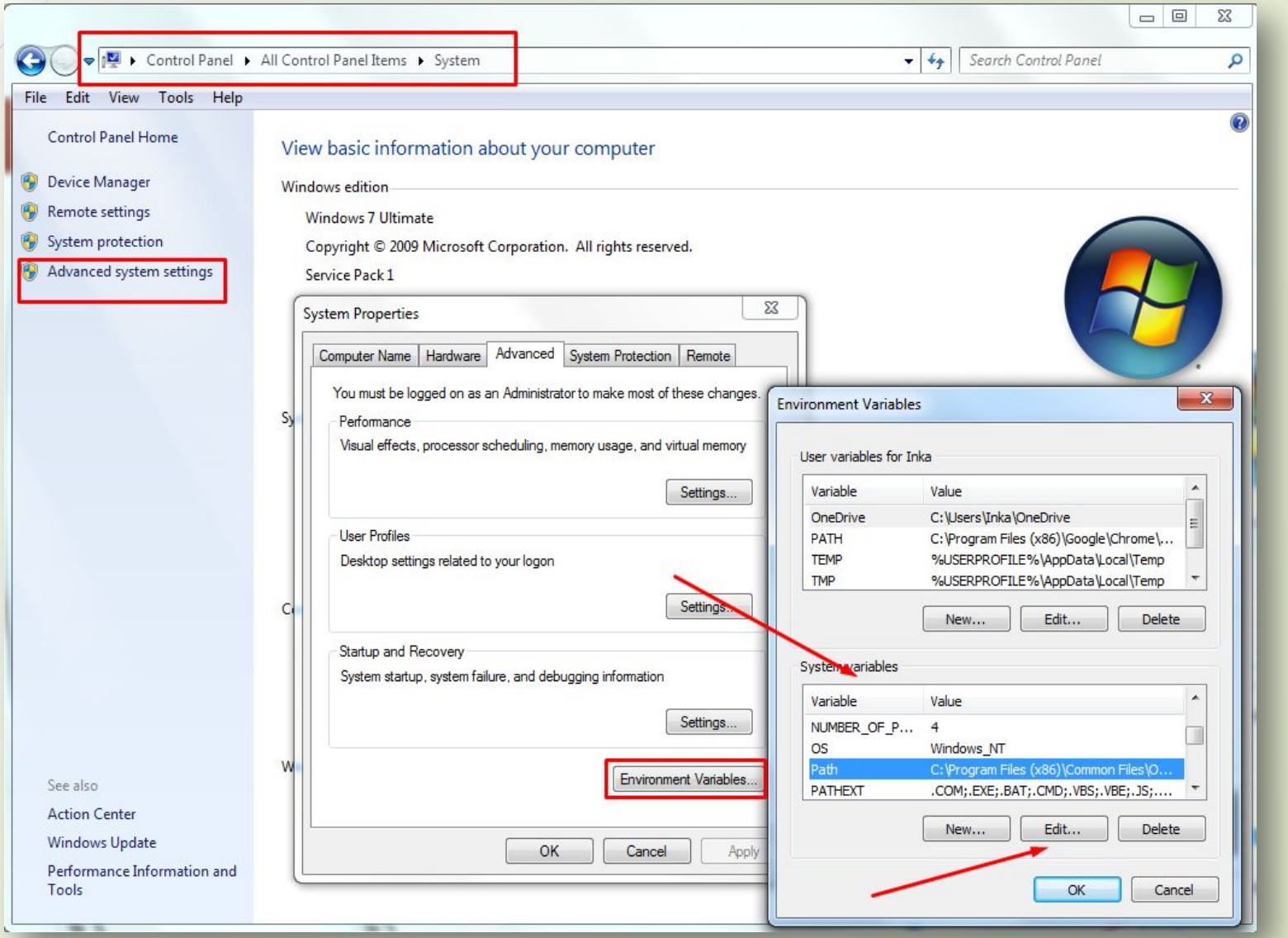
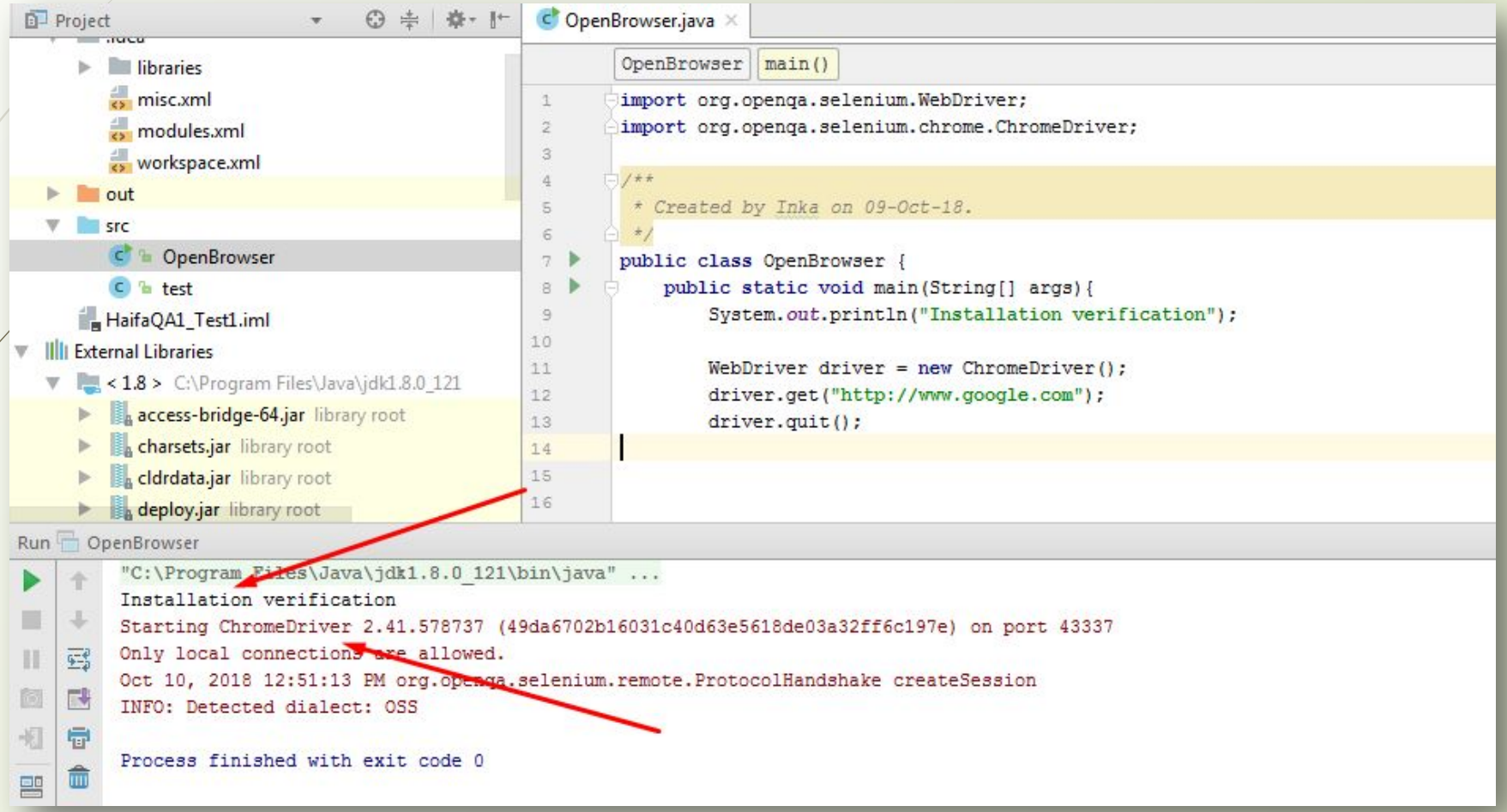
Add Selenium to the project



Download drivers (geckodriver, chromedriver, iedriver)



Set Variable Environments
(JAVA_HOME, Path)



Verify Installation