@ Windows+R - cmd prompt -> when tried to check java -version

Error: Registry key 'Software\JavaSoft\Java Runtime Environment'\CurrentVersion'

Error: could not find java.dll

Error: Could not find Java SE Runtime Environment.

Solution: Go to Downloads-> Eclipse -> eclipse exe file -> next to eclipse logo -> eclipse ini file -> change javapath to the new installed java version

Example earlier it was java 13.0.1 then uninstalled and installed with java 13.0.2 version.

Note: If we are downloading Java in Windows 7

Need to set jdk path in JAVA\_HOME & bin path in PATH without disturbing the existing path-- just put in "\" and copy the Java- bin path in ThisPC (or) Computer

Right click -- Properties -- Advance System Settings - Enrironment Variables -- System Variables -- Create NEW - JAVA\_HOME and copy Java- jdk path

Then select Path -- click on Edit and put \ and paste Java - jdk/bin path

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Jenkins download error @ command prompt

C:\Program Files>java -jar jenkins.war -http=8080

Feb. 09, 2020 5:04:28 P.M. Main verifyJavaVersion

SEVERE: Running with Java class version 57 which is not in the list of supported versions: [52, 55]. Run with the --enable-future-java flag to enable such behavior. See https://jenkins.io/redirect/java-support/

java.lang.UnsupportedClassVersionError: 57.0

at Main.verifyJavaVersion(Main.java:174)

at Main.main(Main.java:142)

Jenkins requires Java versions [8, 11] but you are running with Java 13 from C:\Program Files\Java\jdk-13.0.2

java.lang.UnsupportedClassVersionError: 57.0

at Main.verifyJavaVersion(Main.java:174)

at Main.main(Main.java:142)

Jenkins doesn't support Java 12,13 version, only supports Java 8,11

Install Java 8 and run the below command:

C:\Program Files>java -jar jenkins.war -http=8080

Successful message: Jenkins is up and running

Initially will give default password in the command prompt itself as mentioned below:

cb0b4721f5fb40c8b089a7da32fbdb33

Username: admin

Web Browser path: localhost:8080

Go to web browser --> localhost:8080

Then it will ask to setup the required plugins for Jenkins

Version of Jenkins: Jenkins 2.204.2

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In case not able to view Package Explorer or somehow got deleted/disappeared :

In order to view Package Explorer ----> Go to Window --> Show View --> Package Explorer

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In order to see which workspace I'm working with:

Click on File --> Switch Workspace --> Or will be able to see the location of the workspace ... were exactly we are working into

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In order to successfully execute Selenium scripts:

-Jar files has been installed successfully with according the version. If the jar files are of 3.1.14 & java version or chrome version is an updated up then we might face compatible issues.

-Browser Path has to be set correctly

-There should be no spaces in between "webdriver.chrome.driver"

-Need to mouseover on to the script commands whenever required -- need to import required packages by mouseover.

Ex : Webdriver driver=new ChromeDriver()

Need to mouseover on Webdriver & ChromeDriver()

- Need to check case- sensitive

- Always end the script using ; semicolon

- Compatible java & eclipse has been installed from java download & eclipse download

- Jar files & browser exe files can be extracted from selenium website. Also we can get old versions too if you face any compatible issues.

- As IE browser is very secure hence might face compability issue while executing the programs , so make sure we execute programs through

only Chrome & Firefox

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Note: If you find "Red" cross-mark on the JavaProject level,src level,package level,class level

First check the Problem tab - Beside Console tab and find out the error from there

Ex: Chromedriver not found, Chromedriver not executed, driver not available.

Mostly it might be due to Jar dependences not installed properly. Also might be due to duplicate JARs.

Right click on Java Project -> Build Path (or) Properties -> Build Path -> Configure Build Path -> Libraries -> Go to Classpath

- > Add External JARs -> Add 7 jars which are available in selenium-server-standalone-3.141.59

- Need to ADD External JARs

- By adding the JARs

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Note: Insufficient memory for java runtime environment

Go to eclipse ini file and increase Xms-1024m & Xmx-1024m

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Note: If you find red underline on the scriptlines

Sol: When mouseover on those lines you might have selected wrong import packages (E.g. You might have selected import java.util instead of selenium.org.q)

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Note: If you find run time error as timeout issue

: It might be due to wait time not given properly (Should use Thread.sleep as 1000 or 5000)

: Or need to use implicit wait according to the situation

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Note: If we need to decrease the font of the scripts and if it Shift+Control- is not working

: Need to Top menu bar

: Windows->Preferences->General->Appearance->Colors and Fonts->Basic->Text Font->Edit

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