Java Installation

Date:- 12th Aug 2024

Step1: Command to check java version(cmd): java -version   (8/1.8 to 22 version)
if java version 8/1.8 to 22 --> no need to install java

Step2: Check Operating System: right click on This PC/My Computer--> properties-->Device Specifications--> system type
os 32 bit--> 8 (1.8)
os 64 bit--> 22(11 -22)

Step3: how to download java
Java 8:-> google search "download java 8"-->click on oracle.com(1st website)--> scroll down upto "Windows x86" --> click on 201.64 MB(1st file) file

Java 22:-> google search "download java 22"-->click on oracle.com(1st website)-->jdk 22-> windows -> scroll down upto "Windows x64 Installer" --> click on Windows x64 Installer(164.35) file

Step4: install downloaded java file from

Step5: Set java path:
 5A: Copy java path
Open C drive-->program files-->Java-->jdk/jre(jdk prefered)-->bin folder-->Copy bin folder path (control + C)

5B: Set java path
Right click on This PC/my computer-->properties-->Advanced system setting-->Environment Variable-->User Variable--> check for "path" variable

--**Case1: Already path variable exist** -->click on path variable-->edit-->new-->ctrl+ V(Paste) --> ok--ok
--**Case2: no path variable**--> click on new --> enter variable name i.e. -"path"--> variable value -ctrl+ V(Paste)--> ok-->ok

Step6: verify java installed or not ?
--> check for java version
execute command --> java -version

Eclipse Installation Procedure

Date: 13th Aug 2024

Different Versions of eclipse Application(IDE):-
oxygen, neon, marsh --> Java 8
Photon(latest Version) --> java version above 8

Step1: Download eclipse Application (IDE)
Photon-> Google Search "download eclipse photon"-->Select 1st website ->A newer release is available "here"->scroll down "Eclipse IDE for Java and DSL Developers"-->Windows 86_64 --> download

Oxygen-> Google Search "download eclipse oxygen"-->select 1st website->A newer release is available "here"-> "Eclipse IDE for Java and DSL Developers"-->Windows 86_64 --> download

Step2: Open Eclipse Application (IDE)
Open downloads folder --> unzip downloaded eclipse file --> open eclipse folder --> double click on eclipse application file (blue colour icon) --> it should ask for workspace path--> keep path as it is(default path) --> select checkbox --> launch --> welcome/home page