$$t(n) = an+b$$

'new' *type* '[' *int_expr* ']'

Advanced Object-Oriented Programming

CPT204 – Lab 0

Erick Purwanto

CPT204 Advanced Object-Oriented Programming
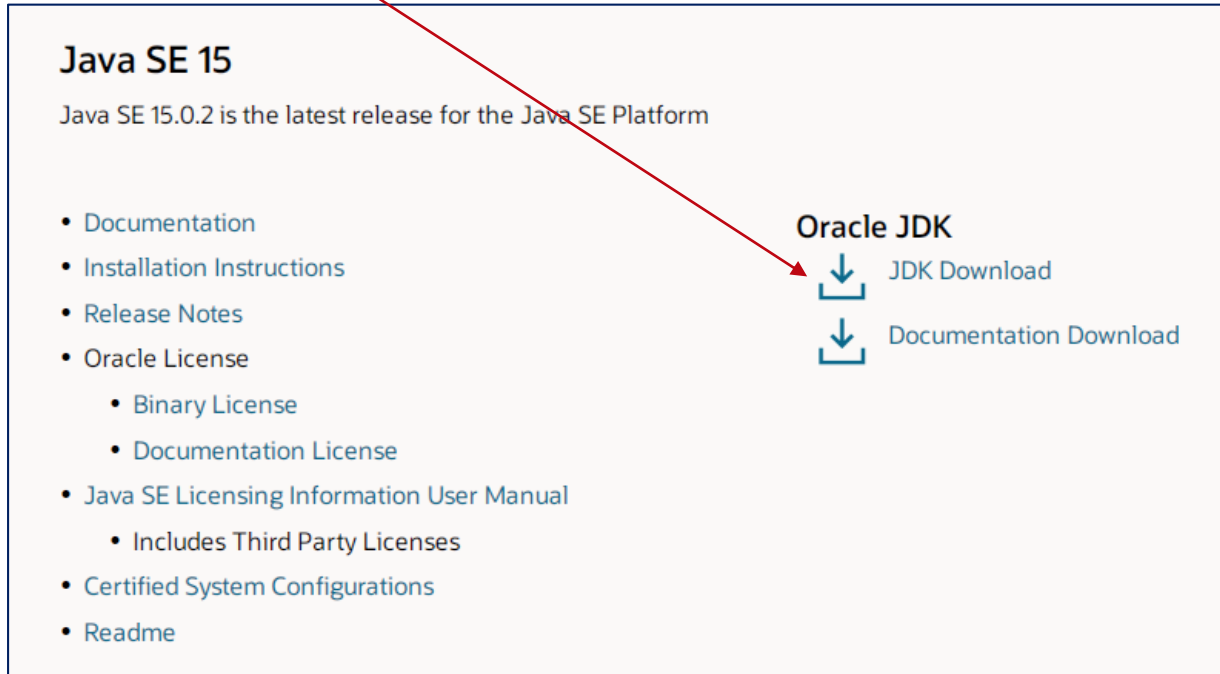
Lab 0

Lab Setup

Welcome !

- Welcome to Lab 0 !
  - Please read Lecture 0 first, if you have not done so

- In this lab, we are going to guide you to
  A. Install Java
  B. Install IntelliJ
  C. Install IntelliJ Plugins

- Skip the Install Java step if you have done so
- You could use another IDE, but the one supported in the course and used in the lab will only be IntelliJ

A. Install Java (1)

1. Go to https://www.oracle.com/java/technologies/javase-downloads.html
2. Click JDK Download

Java SE 15

Java SE 15.0.2 is the latest release for the Java SE Platform

- Documentation
- Installation Instructions
- Release Notes
- Oracle License
  - Binary License
  - Documentation License
- Java SE Licensing Information User Manual
  - Includes Third Party Licenses
- Certified System Configurations
- Readme

Oracle JDK

↓ JDK Download

↓ Documentation Download

A. Install Java (2)

3. Pick the installer for your operating system

Java SE Development Kit 15.0.2
This software is licensed under the Oracle Technology Network License Agreement for Oracle Java SE

Product / File Description	File Size	Download
Linux ARM 64 RPM Package	141.82 MB	jdk-15.0.2_linux-aarch64_bin.rpm
Linux ARM 64 Compressed Archive	157 MB	jdk-15.0.2_linux-aarch64_bin.tar.gz
Linux x64 Debian Package	154.81 MB	jdk-15.0.2_linux-x64_bin.deb
Linux x64 RPM Package	162.03 MB	jdk-15.0.2_linux-x64_bin.rpm
Linux x64 Compressed Archive	179.35 MB	jdk-15.0.2_linux-x64_bin.tar.gz
macOS Installer	175.93 MB	jdk-15.0.2_osx-x64_bin.dmg
macOS Compressed Archive	176.51 MB	jdk-15.0.2_osx-x64_bin.tar.gz
Windows x64 Installer	159.71 MB	jdk-15.0.2_windows-x64_bin.exe
Windows x64 Compressed Archive	179.28 MB	jdk-15.0.2_windows-x64_bin.zip

A. Install Java (3)

4. Tick and download

You must accept the Oracle Technology Network License Agreement for Oracle Java SE to download this software.

☑ I reviewed and accept the Oracle Technology Network License Agreement for Oracle Java SE

Download jdk-15.0.2_windows-x64_bin.exe

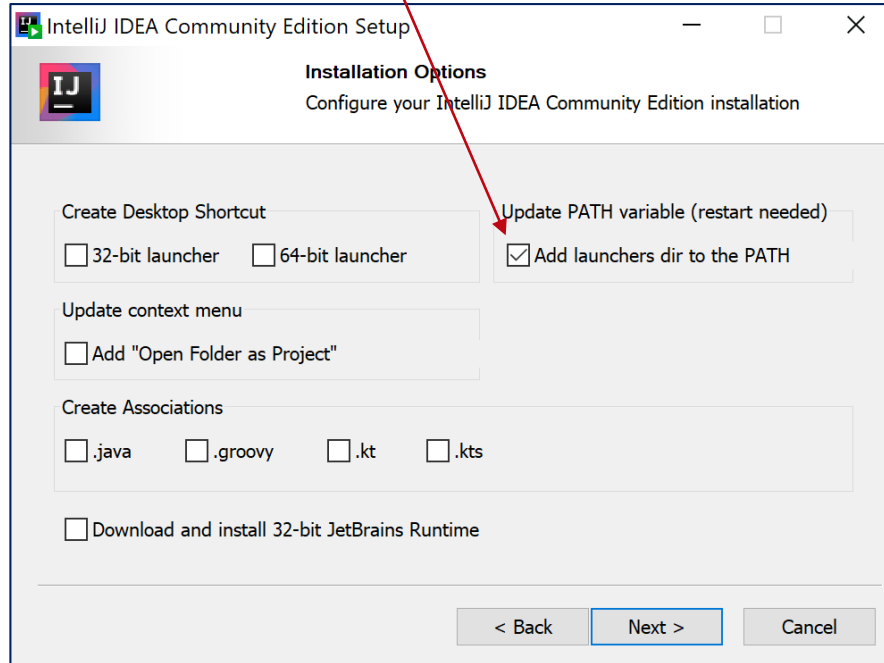5. Run the installer file and select all the default options

B. Install IntelliJ (1)

1. Go to https://www.jetbrains.com/idea/download/
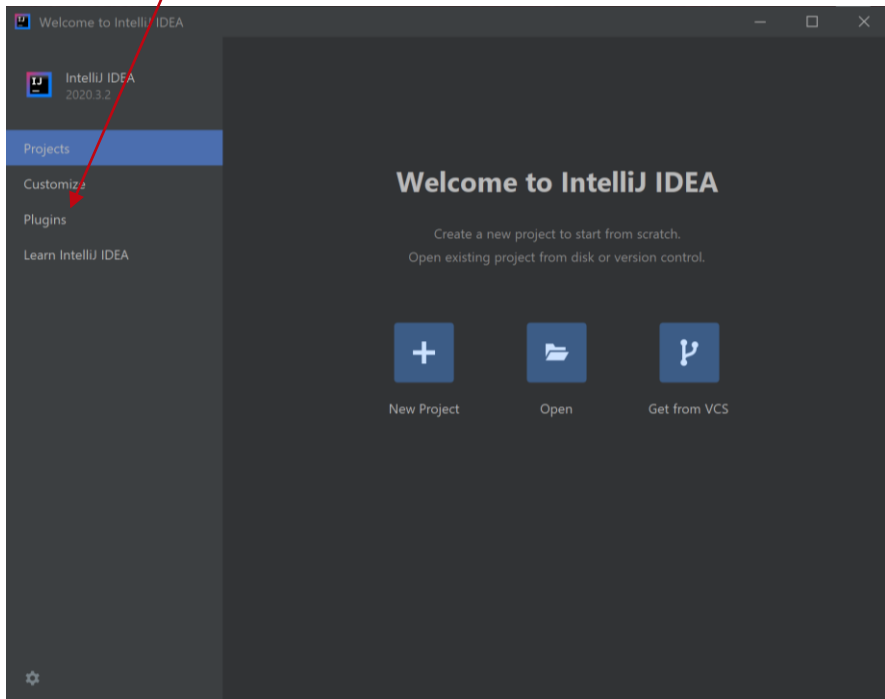2. Choose your operating system, download the Community Edition
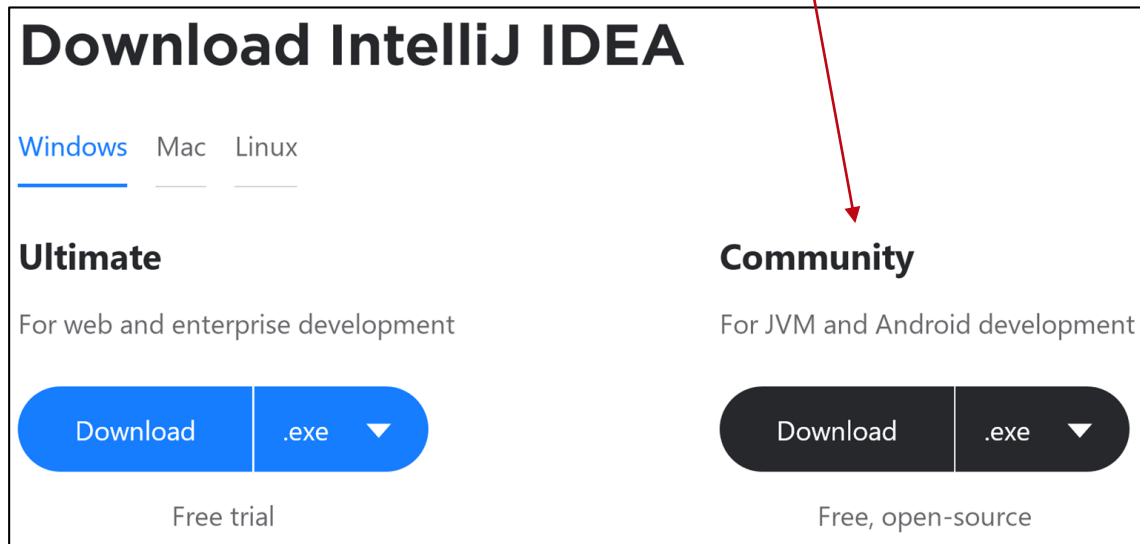
B. Install IntelliJ (2)

3. Run the installer file, select all the default options, create shortcut if you want, check Update PATH variable
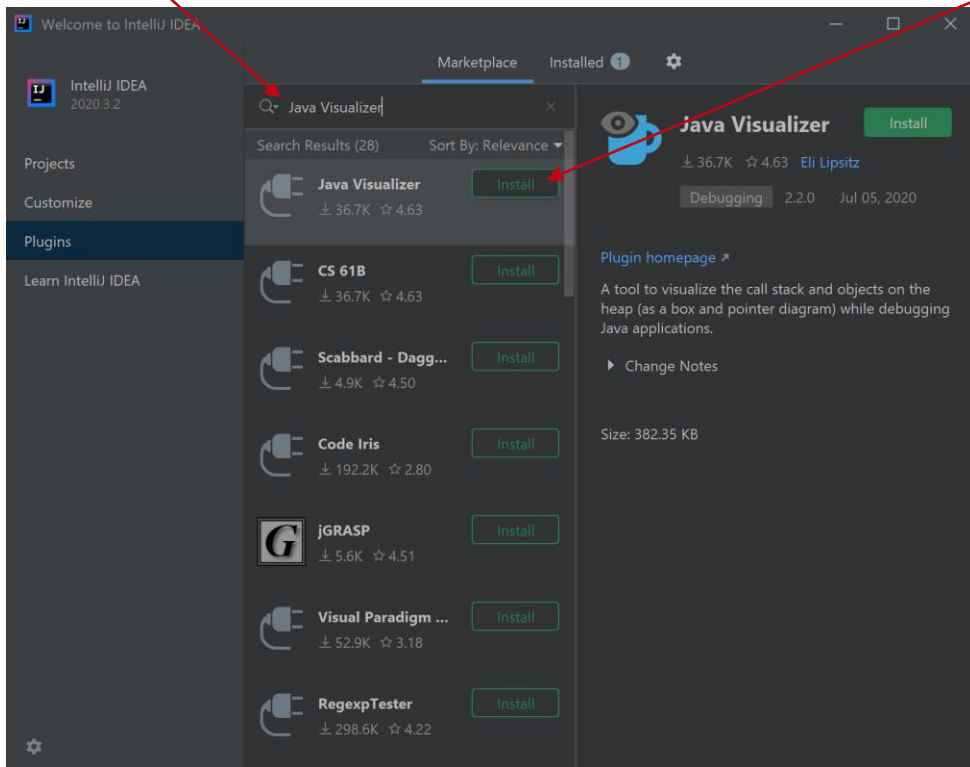
C. Install IntelliJ Plugins (1)

1. Run IntelliJ, accept JetBrains Privacy Policy and Data Sharing
2. In Welcome window, click Plugins

C. Install IntelliJ Plugins (2)

3. In Marketplace, type <u>Java Visualizer</u> in the search bar, then click Install

Done !

- You are now ready to learn and try out the materials for Week 1
- Please continue to read Lecture 1