

LAPORAN PRAKTIKUM PPB
MODUL 1
INSTALASI FLUTTER



Di buat Oleh:

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PROGRAM STUDI S1 REKAYASA PERANGKAT LUNAK
FAKULTAS INFORMATIKA INSTITUT TEKNOLOGI TELKOM
PURWOKERTO
2023/2024

1. Install JDK

JDK (Java Development Kit) merupakan perangkat yang digunakan untuk melakukan proses kompilasi dari kode java ke bytecode yang dapat dimengerti dan dapat dijalankan oleh JRE (Java Runtime Environment). Berikut merupakan tata cara dalam melakukan instalasi JDK:

[Java downloads](#) [Tools and resources](#) [Java archive](#)

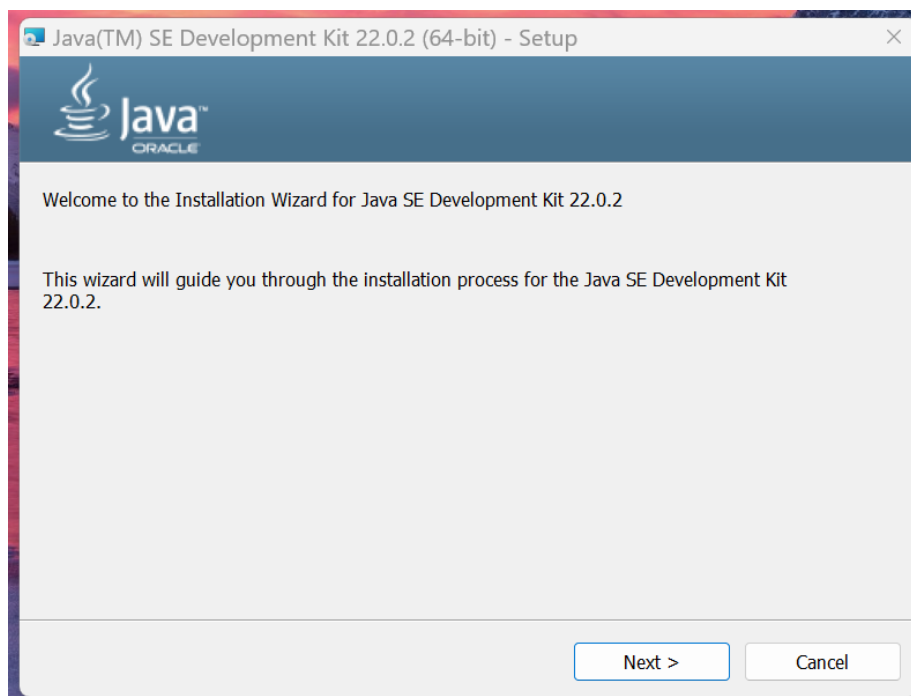
JDK Development Kit 23 downloads

JDK 23 binaries are free to use in production and free to redistribute, at no cost, under the [Oracle No-Fee Terms and Conditions \(NFTC\)](#).

JDK 23 will receive updates under these terms, until March 2025, when it will be superseded by JDK 24.

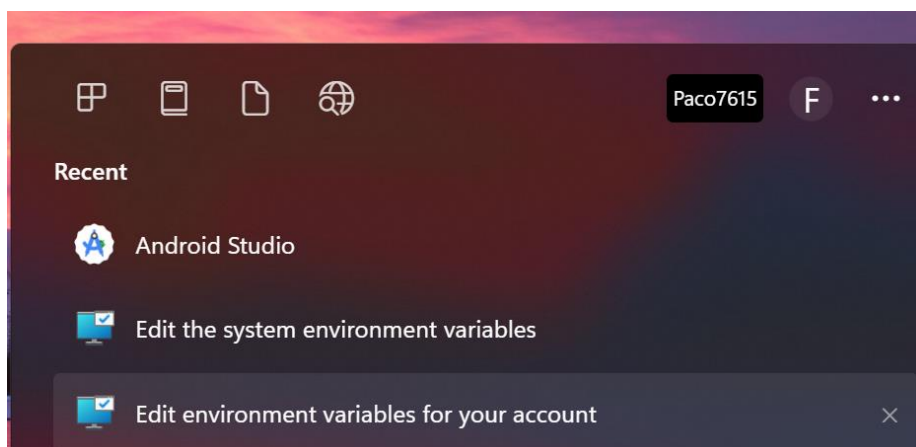
Linux **macOS** **Windows**

Product/file description	File size	Download
x64 Compressed Archive	228.76 MB	https://download.oracle.com/java/23/latest/jdk-23_windows-x64_bin.zip (sha256)
x64 Installer	205.26 MB	https://download.oracle.com/java/23/latest/jdk-23_windows-x64_bin.exe (sha256)
x64 MSI Installer	204.00 MB	https://download.oracle.com/java/23/latest/jdk-23_windows-x64_bin.msi (sha256)



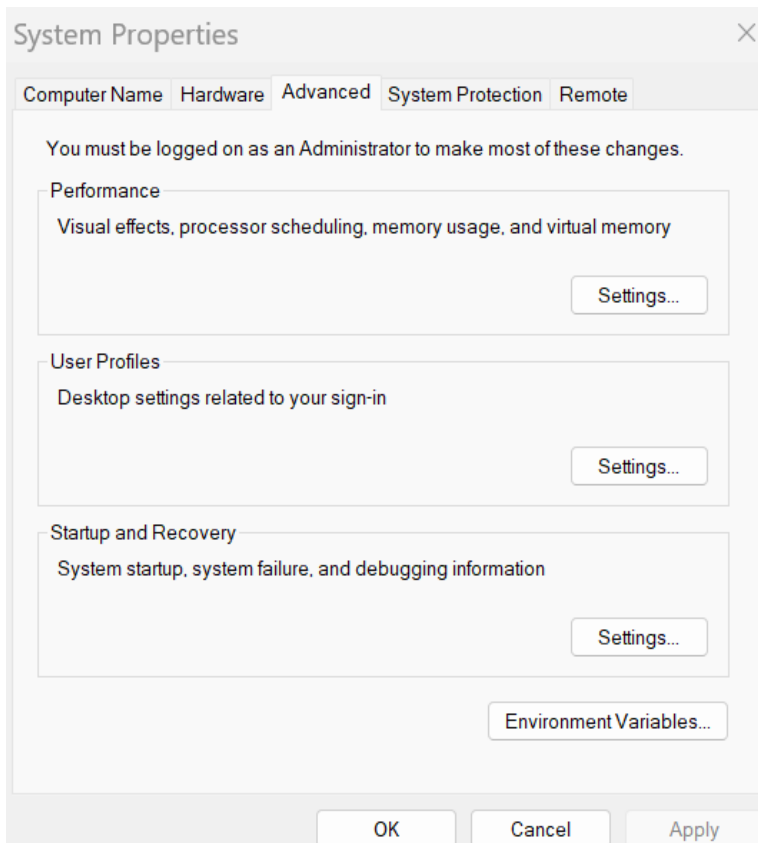


- **environment variable**, lalu buka aplikasi tersebut

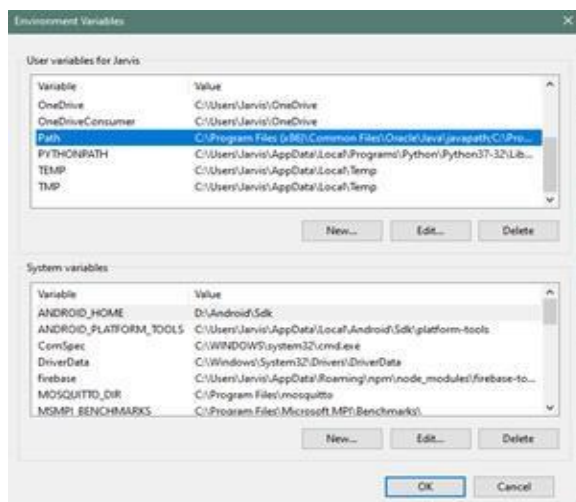


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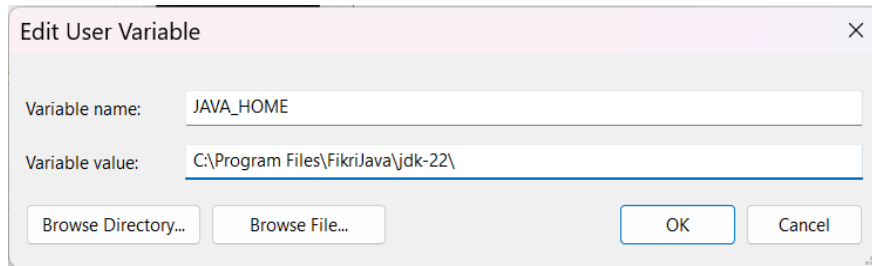
- Pada tab advance klik **Environment Variables**



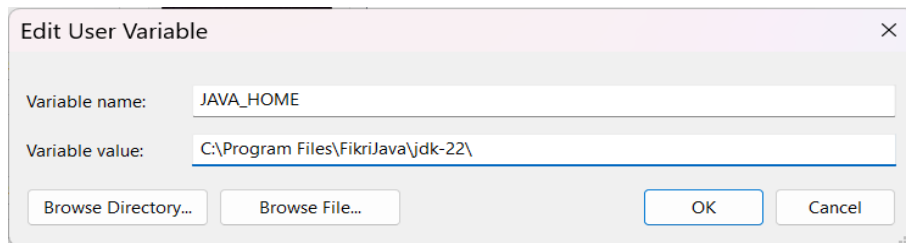
- Selanjutnya pada **user variables** klik **path**



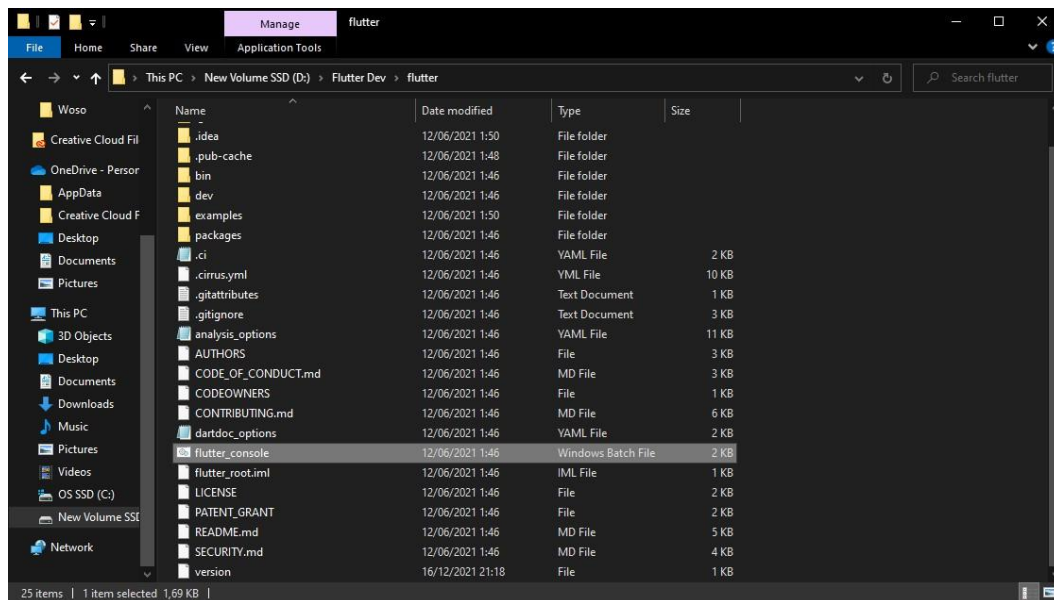
- Masukkan informasi variable name "JAVA_HOME" lalu variable value(paste file path jdk tadi)



- Lakukan hal yang sama pada bagian **Sistem Variable**. Klik **path ->** masukan informasi yang sama



2. Instalasi Flutter



- Tampilan dari flutter_console.bat seperti di bawah ini:

```
Flutter Console

#####  ##      ##      ## ##### ##### #####
##      ##      ##      ##      ##      ##      ##
##      ##      ##      ##      ##      ##      ##
#####  ##      ##      ##      ##      ##      ##
##      ##      ##      ##      ##      ##      ##
##      ##      ##      ##      ##      ##      ##
##      #####  #####  ##      ##      #####  ##      ##

WELCOME to the Flutter Console.
=====

Use the console below this message to interact with the "flutter" command.
Run "flutter doctor" to check if your system is ready to run Flutter apps.
Run "flutter create <app_name>" to create a new Flutter project.

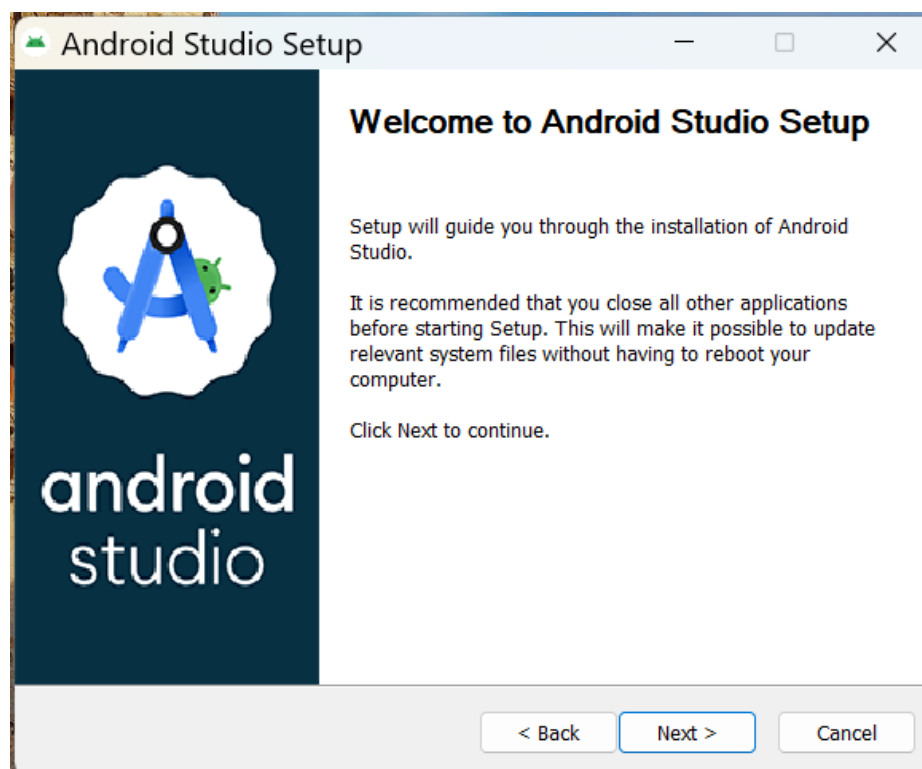
Run "flutter help" to see all available commands.

Want to use an IDE to interact with Flutter? https://flutter.dev/ide-setup/

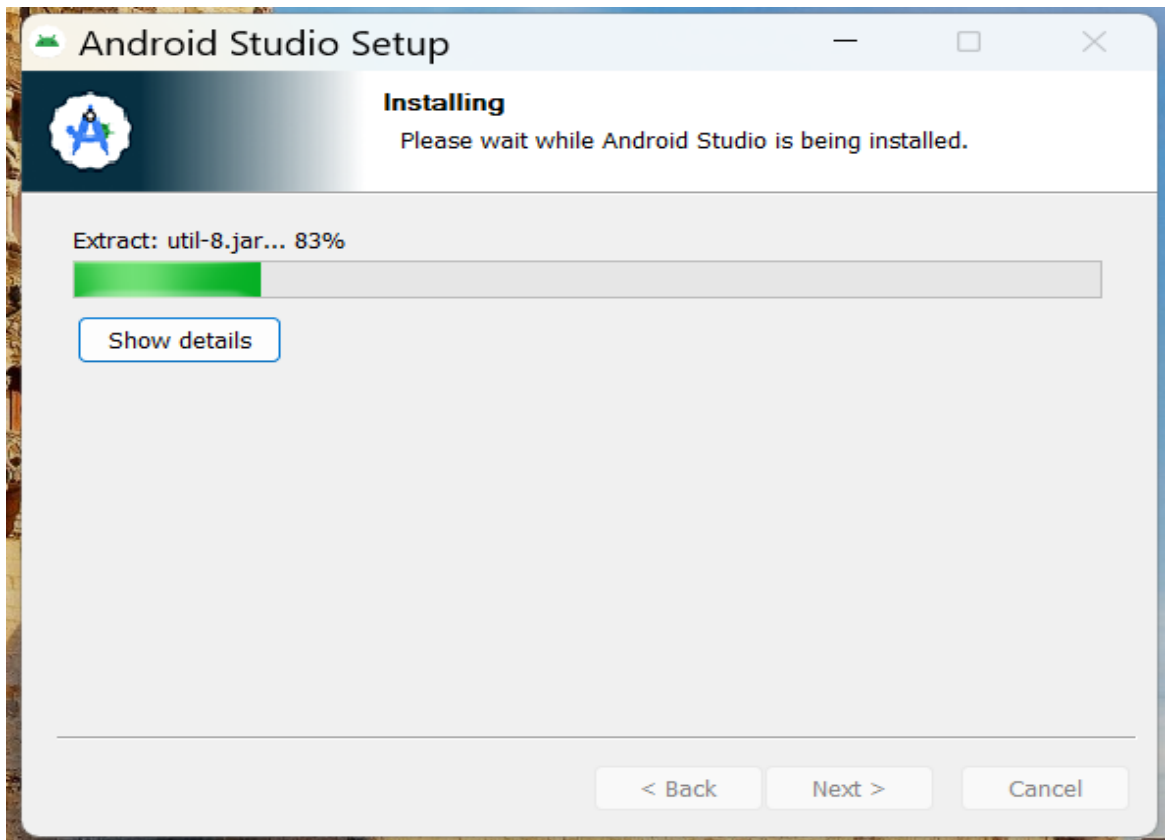
Want to run the "flutter" command from any Command Prompt or PowerShell window?
Add Flutter to your PATH: https://flutter.dev/setup-windows/#update-your-path
=====

D:\flutter>
```

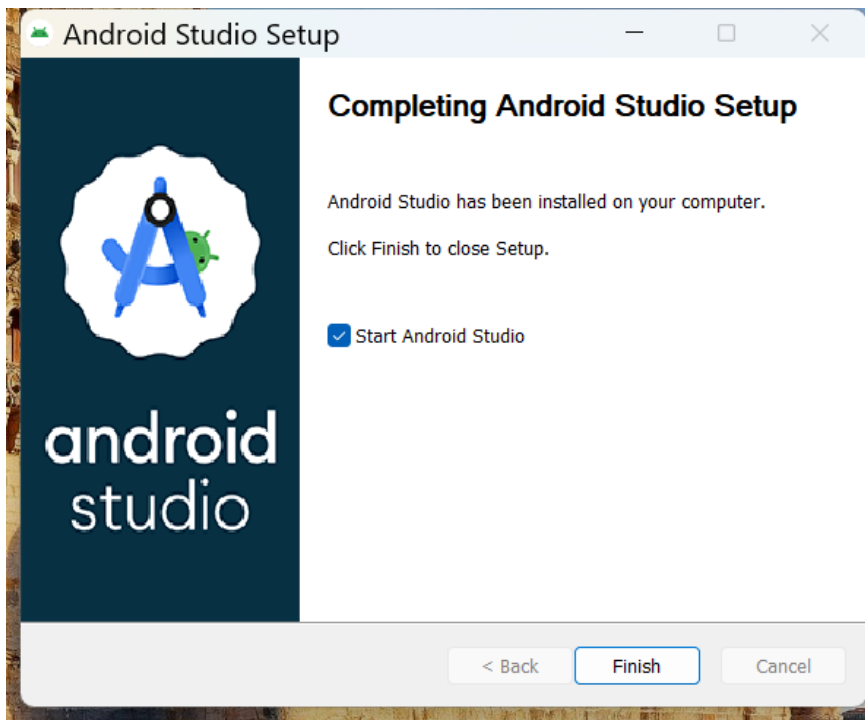
3. Instalasi Android Studio



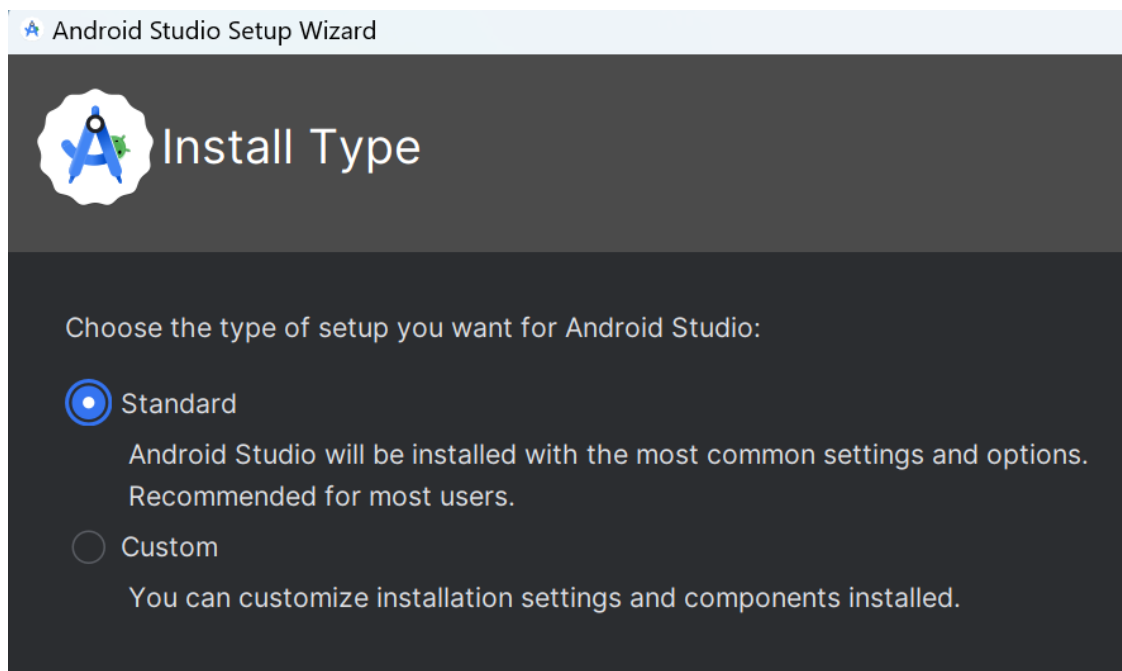
- Pastikan **Android Virtual Device** ter-*checklist* untuk **optimasi virtual device** untuk testing pada emulator. Lalu klik next



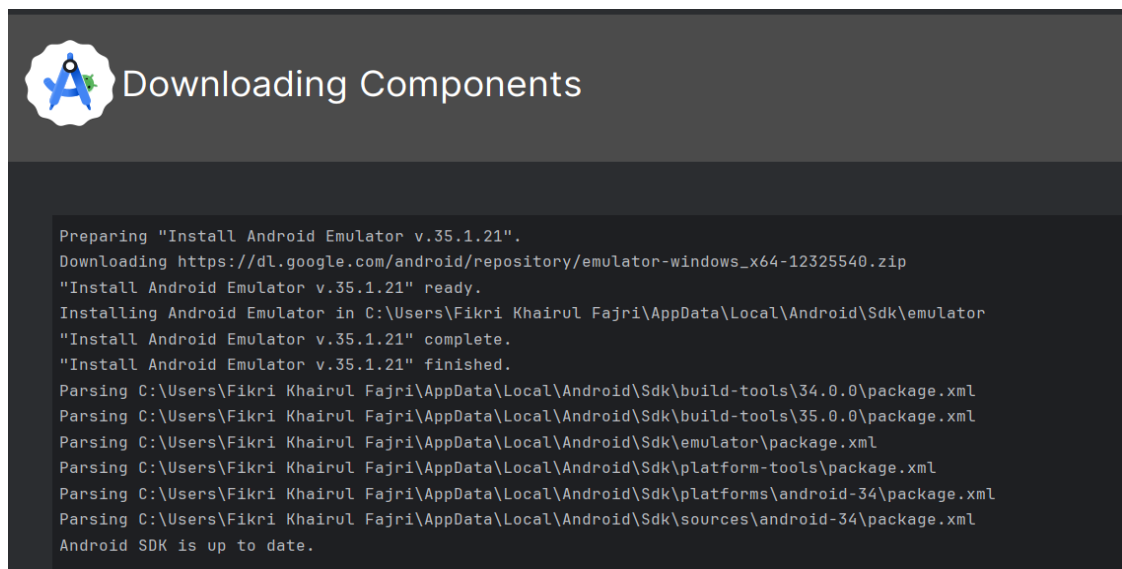
- Setelah proses instalasi selesai, klik next dan finish.



- Pilih *installation type (Standard is recommended)* untuk Android Studio, lalu klik next.



- Kamu akan melihat daftar konfigurasi setting standart. Klik finish untuk mendownload komponen yang dibutuhkan



- Berikut merupakan tampilan pertama pada android studio setelah instalasi

