

Nama : Khoirunnisa

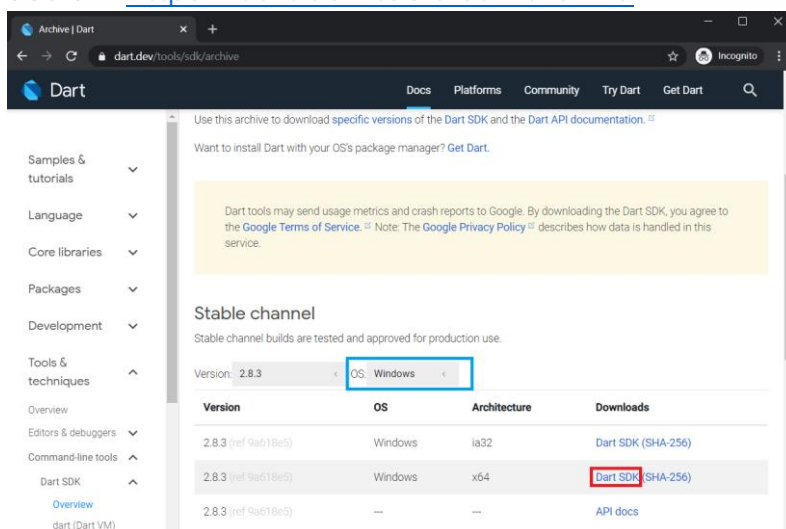
Nim : 20190801214

Tugas sesi 2 PEMROGRAMAN MOBILE

1. Silahkan Buat Tutorial Untuk Instalasi Aplikasi Android di bawah ini :

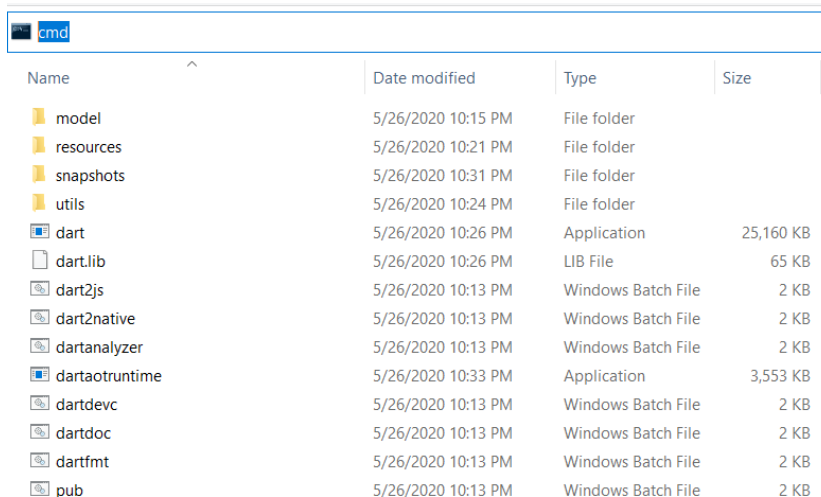
a) Dart SDK

1. Unduh Dart SDK. Unduh Dart SDK dari halaman arsip Dart SDK. URL-nya adalah: <https://dart.dev/tools/sdk/archive>

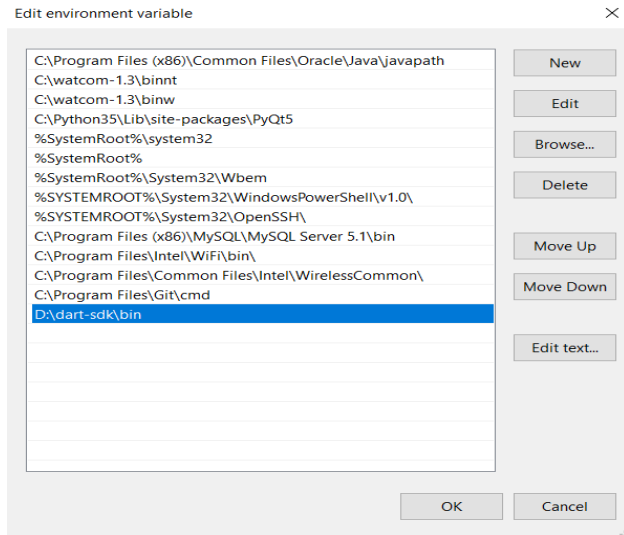


Klik DART SDK untuk mengunduh SDK untuk Arsitektur Windows 64-Bit. Pengunduhan akan dimulai dan file zip akan diunduh.

2. Menjalankan Dart. Sekarang buka folder bin dan ketik "cmd"



3. Buka Variabel Lingkungan dari pengaturan sistem lanjutan dan tambahkan Path di Variabel Sistem



4. Jalankan Dart Menggunakan cmd

```
Select C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.18363.778]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users>dart
Usage: dart [<vm-flags>] <dart-script-file> [<script-arguments>]

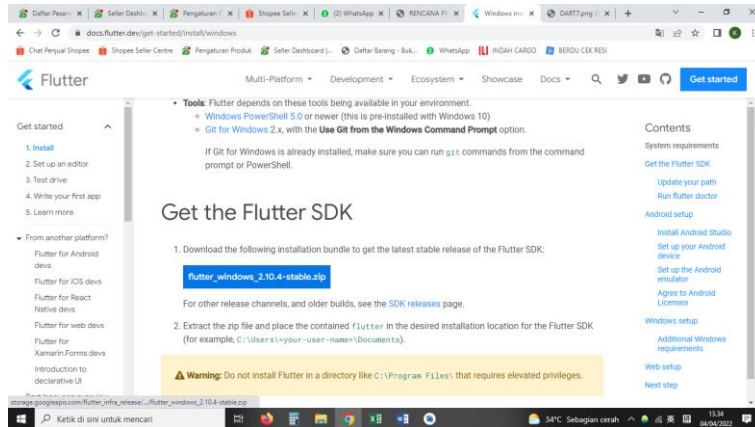
Executes the Dart script <dart-script-file> with the given list of <script-arguments>.

Common VM flags:
--enable-asserts
  Enable assert statements.
--help or -h
  Display this message (add -v or --verbose for information about
  all VM options).
--package-root=<path> or -p<path>
  Where to find packages, that is, "package:..." imports.
--packages=<path>
  Where to find a package spec file.
--observe[=<port>[/<bind-address>]]
  The observe flag is a convenience flag used to run a program with a
  set of options which are often useful for debugging under Observatory.
  These options are currently:
    --enable-vm-service[=<port>[/<bind-address>]]
    --pause-isolates-on-exit
    --pause-isolates-on-unhandled-exceptions
    --warn-on-pause-with-no-debugger
  This set is subject to change.
  Please see these options (--help --verbose) for further documentation.
--write-service-info=<file_name>
  Outputs information necessary to connect to the VM service to the
  specified file in JSON format. Useful for clients which are unable to
  listen to stdout for the Observatory listening message.
--snapshot-kind=<snapshot_kind>
--snapshot=<file_name>
  These snapshot options are used to generate a snapshot of the loaded
  Dart script:
    <snapshot-kind> controls the kind of snapshot, it could be
      kernel(default) or app-jit
    <file_name> specifies the file into which the snapshot is written
--version
  Print the VM version.

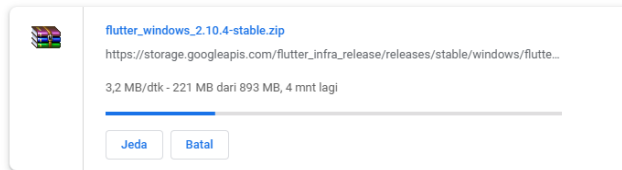
C:\Users>
```

b) Flutter SDK

1. Download Flutter SDK <https://flutter.io/get-started/install/>. Pilih Flutter on Windows



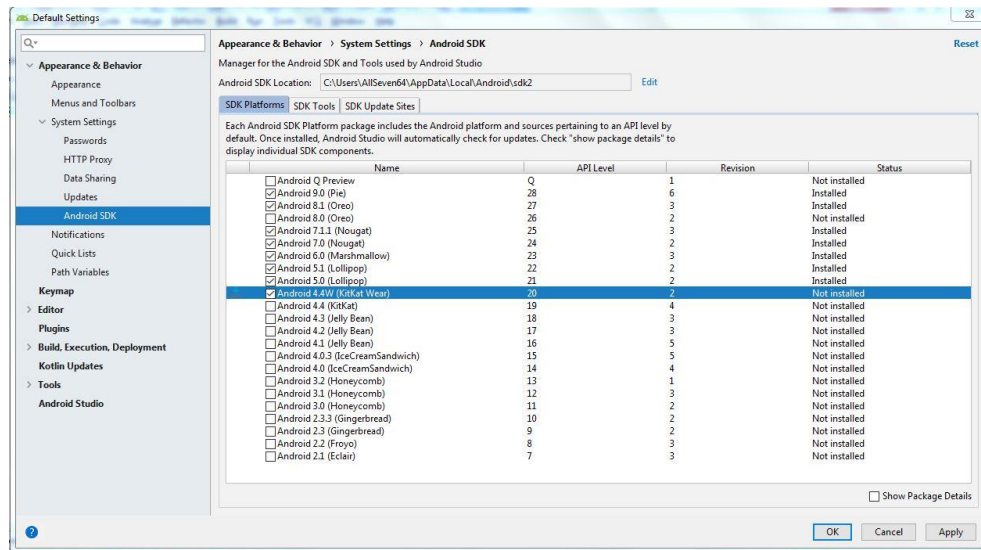
Hari ini



2. Setelah mendapatkan arsip .zip, kemudian ekstrak file zip tersebut dan tempatkan pada lokasi yang diinginkan. (misal C:\src\flutter), jangan meletakkan file Flutter pada direktori seperti C:\Program File atau yang membutuhkan hak administrator.
3. Cari berkas flutter_console.bat di dalam direktori flutter. Lalu klik dua kali.

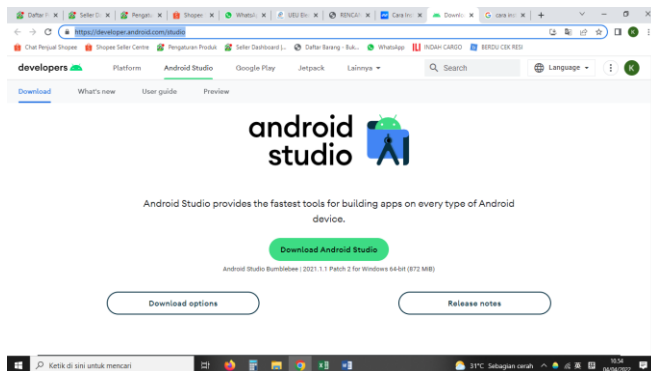
c) Android SDK

Untuk mendapatkan SDK terbaru klik icon sdk manager, pilih sdk platform yang ingin di instal. Lalu klik apply. Saran API level 28

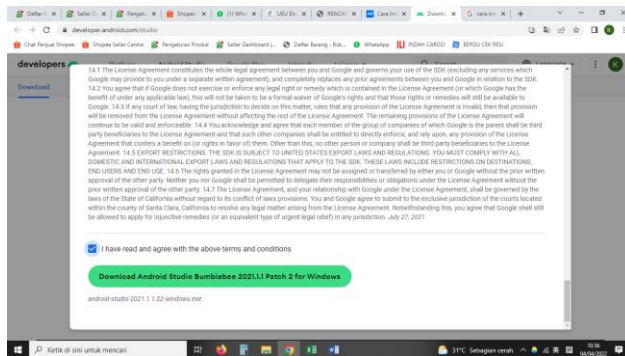


d) Android Studio

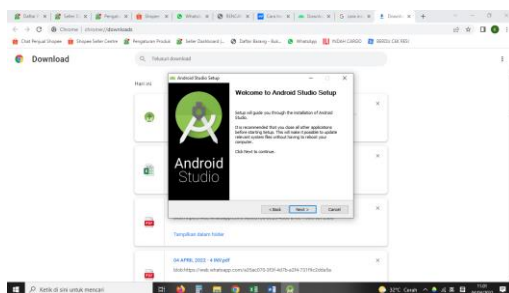
1. buka web <https://developer.android.com/studio> , dan klik download



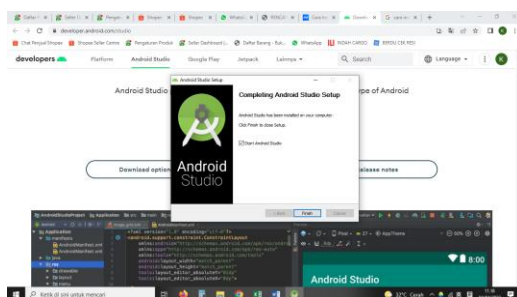
2. klik agree , centang lalu download , android studio pun di install



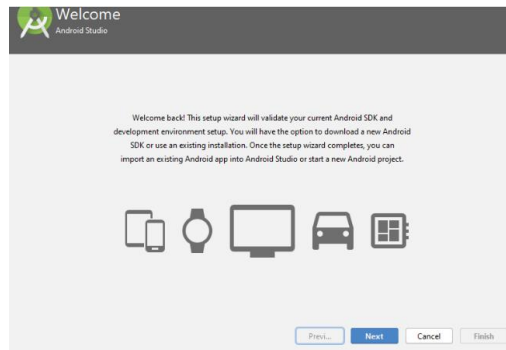
3. klik next



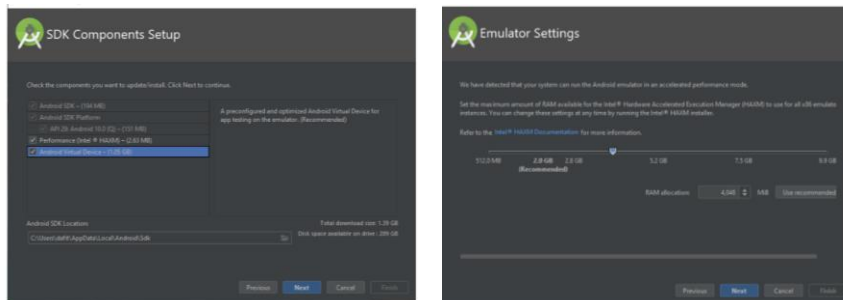
4. finish



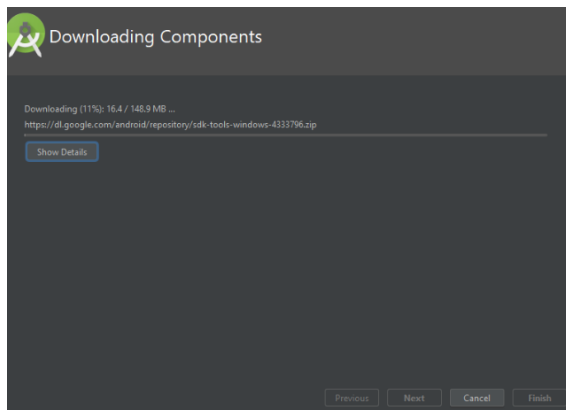
5. Install SDK Android Studio



6. Pilih Komponen SDK Tambahan dan Tentukan RAM untuk Emulator

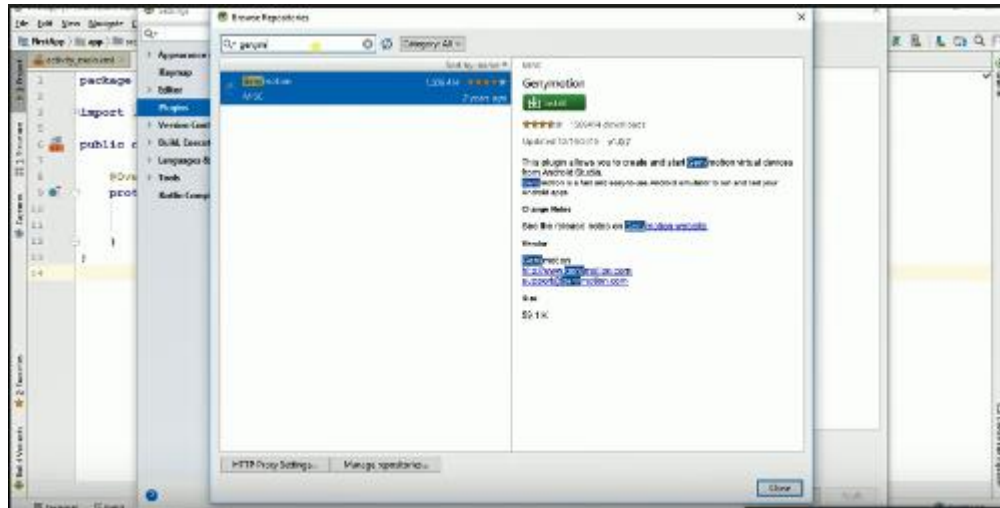


7. Download dan Install SDK Android Studio dan tinggal ditunggu saja



e) Ginnie Motion (Optional Case Untuk Compiler)

1. Buka Android Studio >Klik file > setting > plugin > browse repositories > klik install



Setelah itu klik Restart Android Studio

2. Atur path (lokasi Genymotion) dengan cara Klik view > toolbar > Klik icon genymotion > Pilih path

