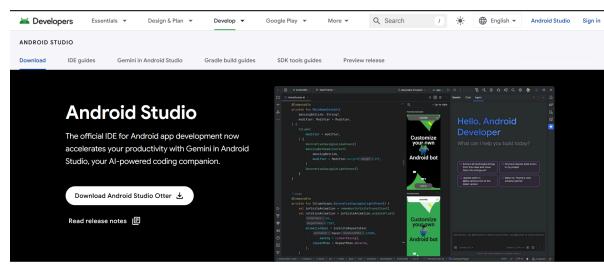


PANDUAN INSTALASI 5 lingkungan pengembangan aplikasi perangkat bergerak

- Android Studio (Android - Kotlin)

Langkah langkah instalasi Android studio :

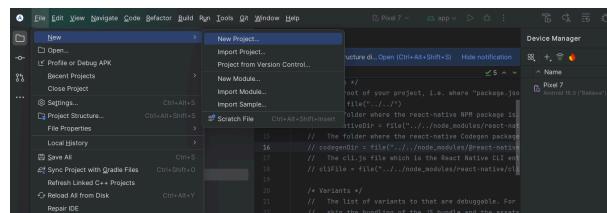
1. Download android studio installer dari situs resmi android studio (<https://developer.android.com/studio>)



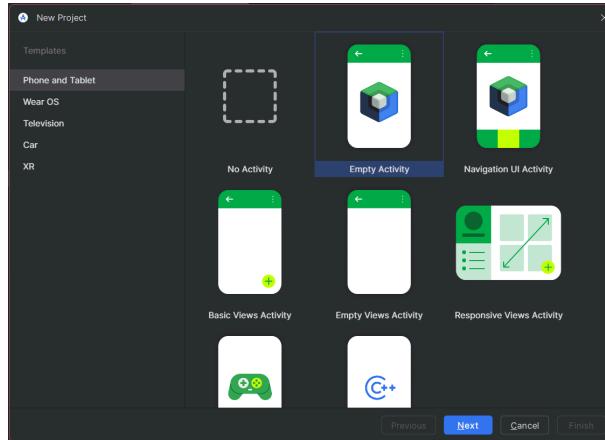
2. Jalankan installer yang telah diunduh dan klik next hingga selesai



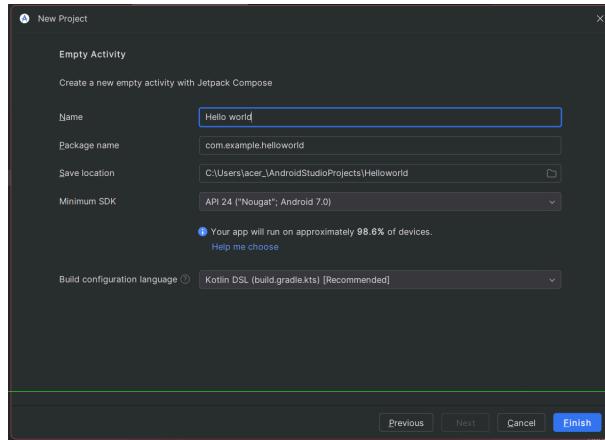
3. Buka android studio lalu pilih new project



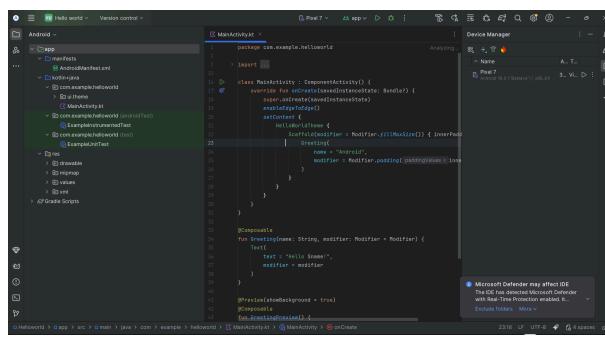
4. Pilih template Empty Activity. Klik next



5. Atur konfigurasi projek. misal ubah nama projek jadi Hello World. Klik finish



6. Setelah itu anda dapat mengubah projek Hello World yang telah anda buat.



- XCode (iOS - Swift)
 1. Unduh X code di appstore dan tunggu hingga selesai.



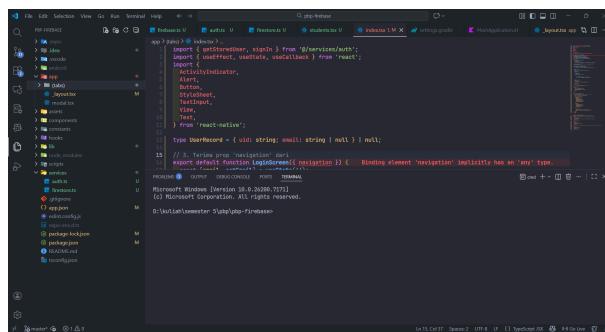
2. Buka aplikasi Xcode lalu klik agree



3. asdsad

- React Native (multiplatform)

1. Sebelum membuat projek baru react native, pastikan di komputer anda telah terinstall berikut :
 - Node js versi 18
2. setelah itu buat projek dengan cara menjalankan
`npx create-expo-app@latest HelloWorld`
3. Buka folder projek react di IDE seperti vscode

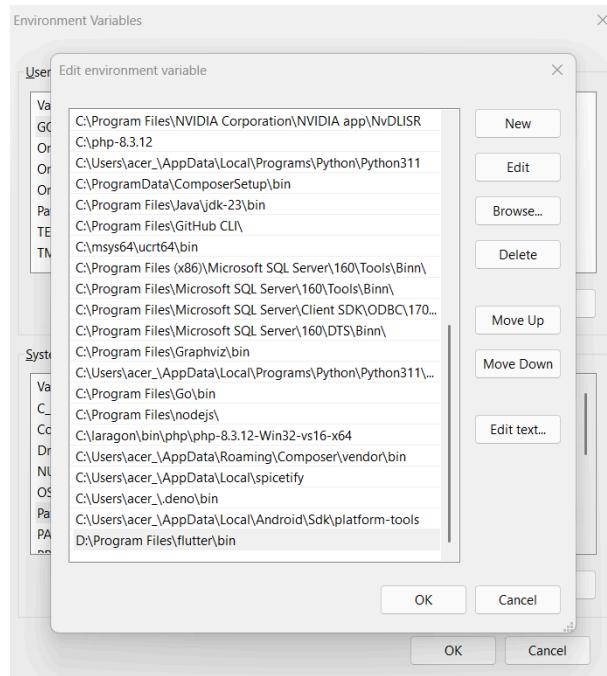


- Flutter (multiplatform)

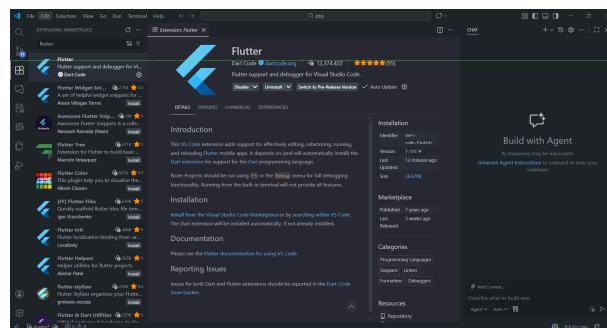
1. Unduh flutter installer dari website resmi flutter ()

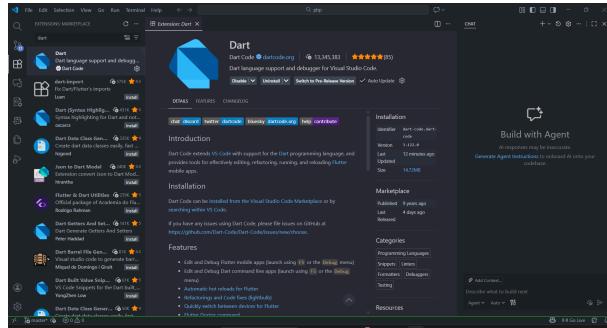
The screenshot shows the official Flutter documentation page for installing the Flutter SDK. It features a sidebar with navigation links like 'Set up Flutter', 'Install Flutter', 'Overview', 'Install with VS Code', 'Install manually', 'Upgrade SDK', 'SDK archive', 'Learn Flutter', 'Stay up to date', 'App solutions', 'AI solutions', and 'User Interface'. The main content area is titled 'Install and set up Flutter' and provides step-by-step instructions for Windows users. Step 1: Download the Flutter SDK bundle (link to flutter_windows_3.38.3-stable.zip). Step 2: Create a folder to store the SDK (note: consider creating a directory at %USERPROFILE%\develop). Step 3: Extract the SDK. A note says: 'Select a location that doesn't have special characters or spaces in its path and doesn't require elevated privileges.' Below these steps is a section for 'Copy the following command.'

2. ekstrak file zip yang telah diunduh lalu tambahkan path bin dari folder hasil ekstrak ke environment variable



3. Install ekstensi vs code flutter dan dart.





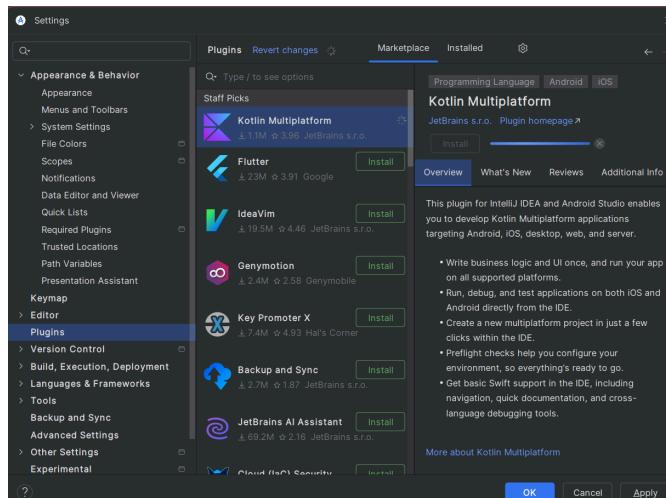
- Jalankan perintah di bawah untuk membuat projek flutter

```
D:\kuliah\semester 5\pbp>flutter create hello_world
Creating project hello_world...
Resolving dependencies in `hello_world`...
Downloading packages...
Got dependencies in `hello_world`.
Wrote 130 files.

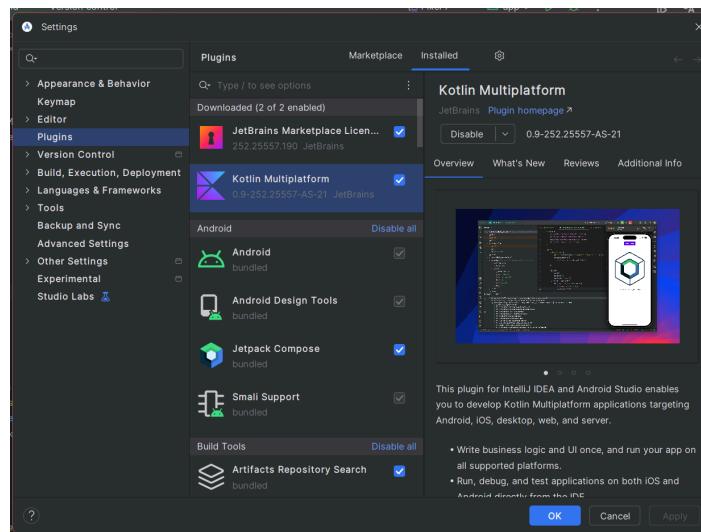
All done!
```

- KMM (multiplatform)

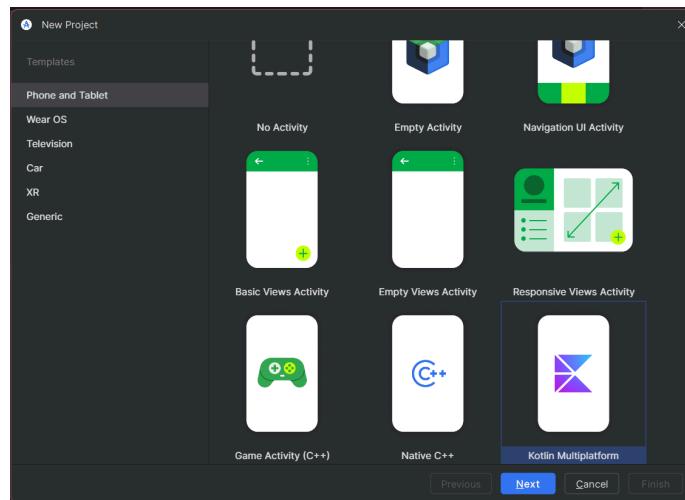
- Pastikan anda sudah menginstall Android Studio di komputer anda untuk dijadikan environment instalasi plugin KMM nantinya.
- Buka Android studio dan tambahkan plugin KMM



- Saat selesai terinstall mulai ulang android studio.



4. Buat projek baru dengan new project dan pilih kotlin multiplatform



5. Tunggu beberapa menit hingga proses instalasi selesai. Ini tampilan setelah selesai

