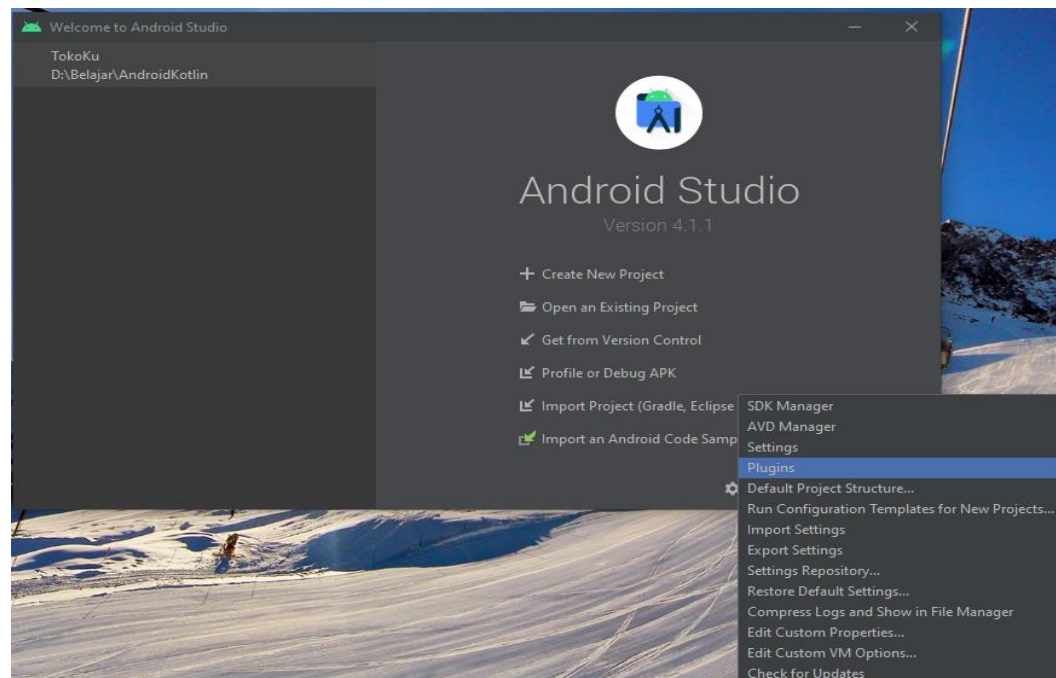


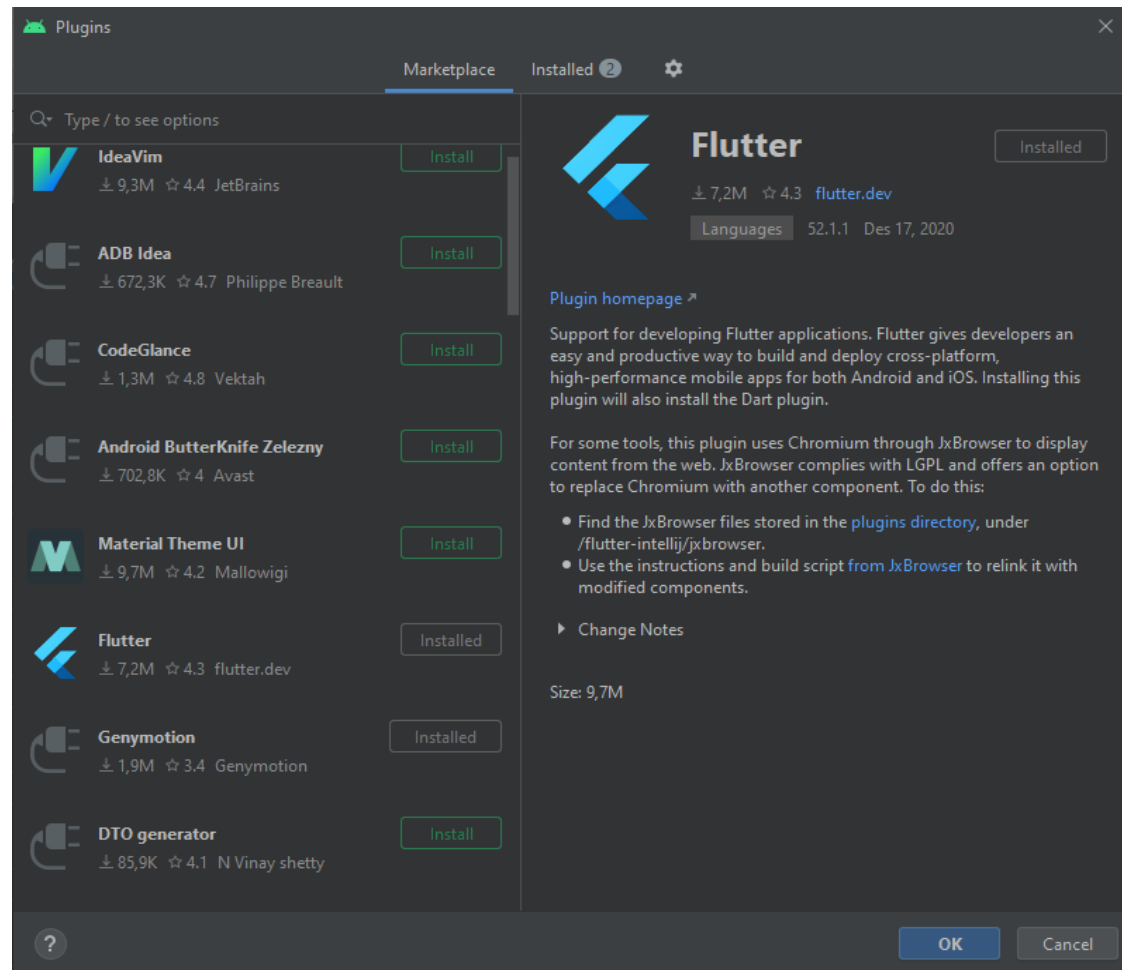
PERTEMUAN 2

Konfigurasi Android Studio dengan Flutter

Jalankan Android Studio kemudian pada menu “Configure” pilih “Plugins”



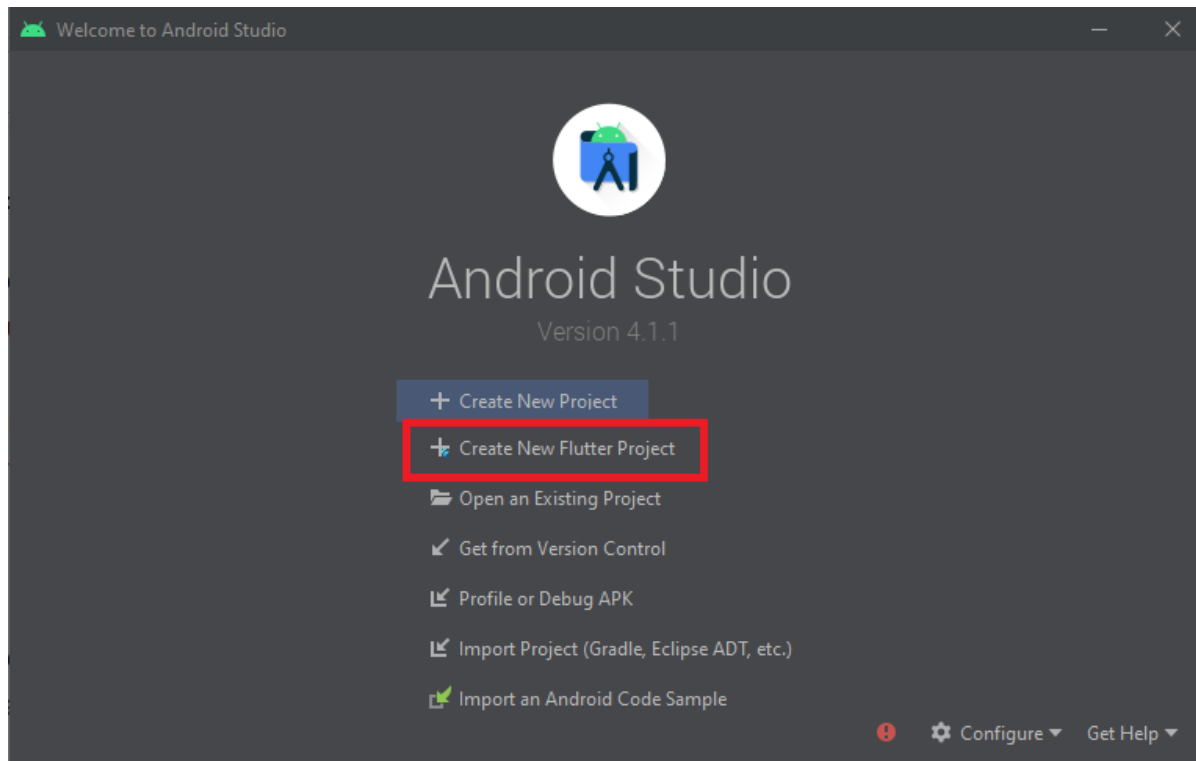
Pilih “Flutter” kemudian klik tombol “Install”



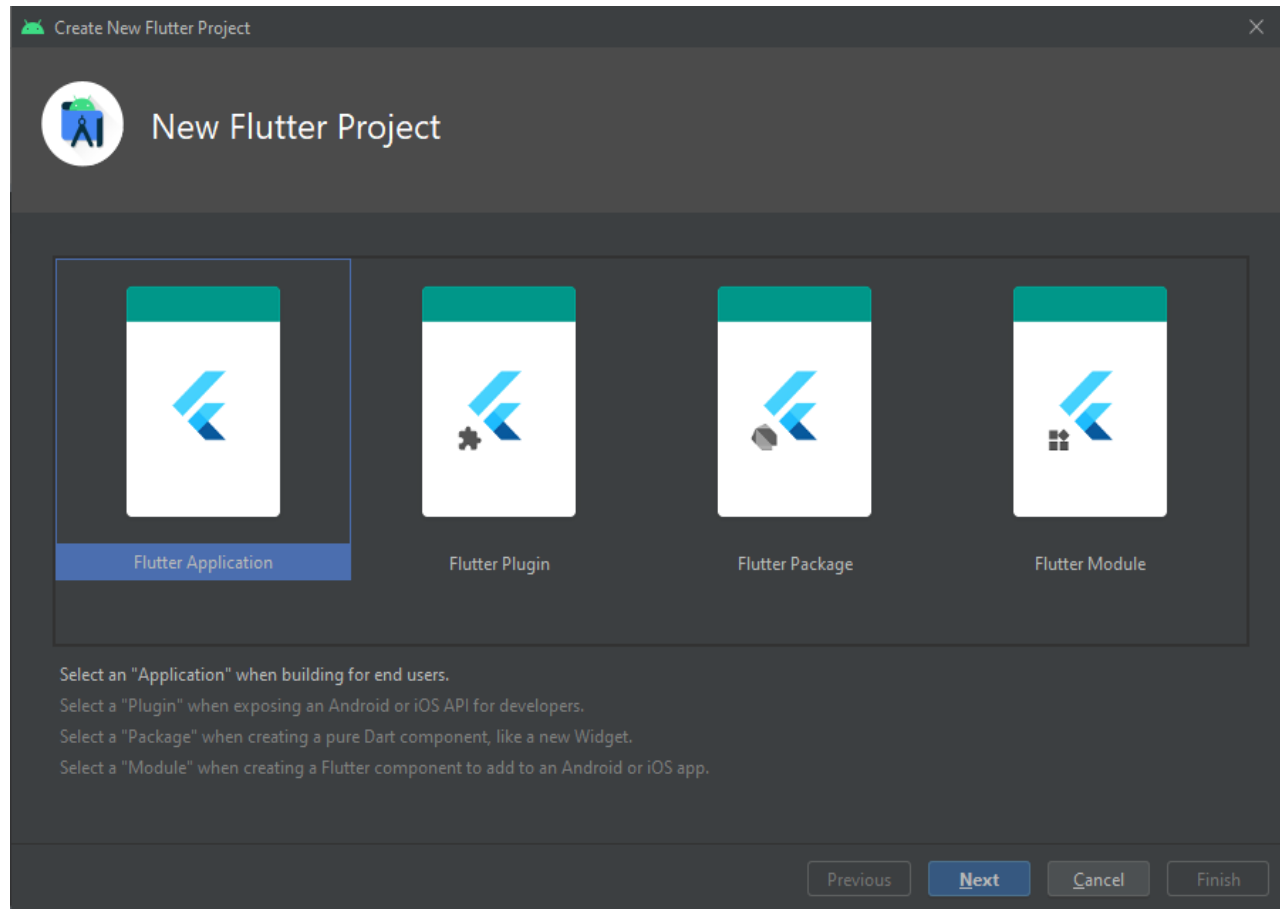
Setelah selesai, restart/tutup Android Studio

Membuat dan Menjalankan Proyek Dengan Android Studio

Jalankan Android Studio kemudian pilih “Create New Flutter Project”



Kemudian pilih “Flutter Application” dan klik “Next”



Kemudian tentukan :

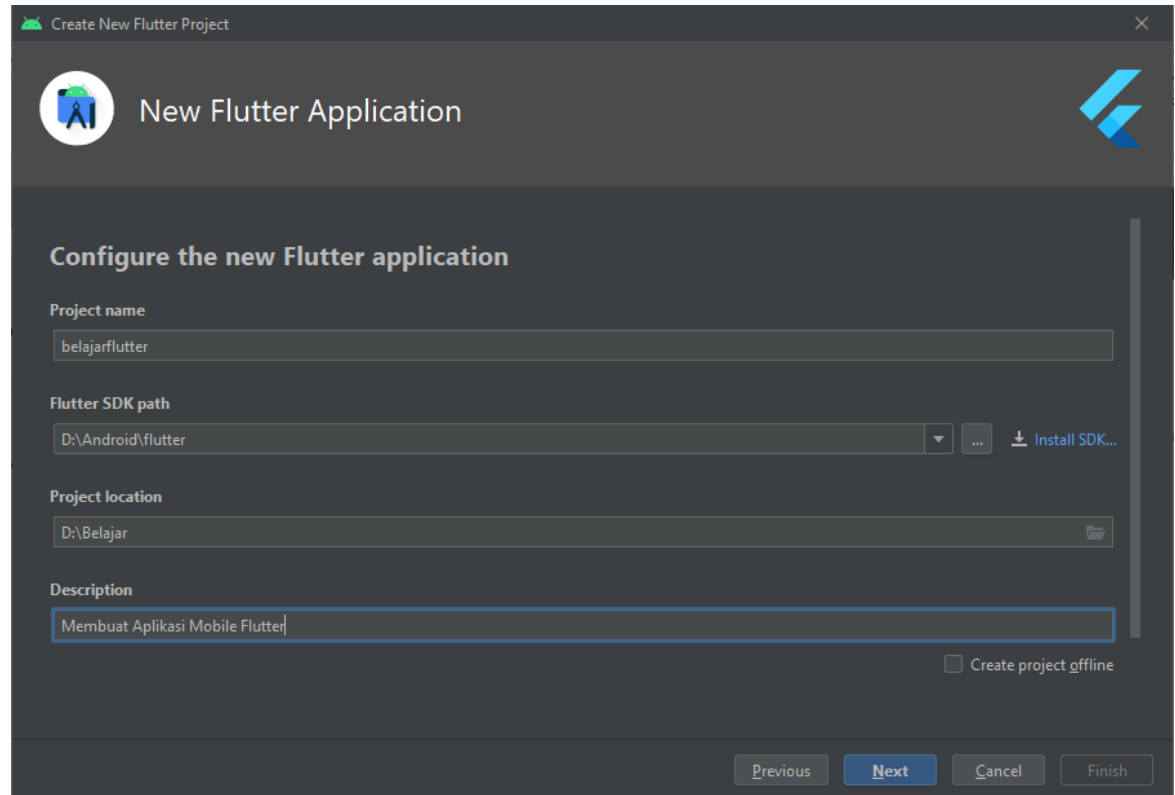
Project Name : belajarflutter

Flutter SDK path : D:\Android\flutter (masukkan sesuai alamat folder flutter diletakkan)

Project location : D:\Belajar (bebas memasukkan dimanapun)

Description : Membuat Aplikasi Mobile Flutter (bebas)

Kemudian klik tombol “Next



Create New Flutter Project

New Flutter Application

Configure the new Flutter application

Project name
belajarflutter

Flutter SDK path
D:\Android\flutter [Install SDK...](#)

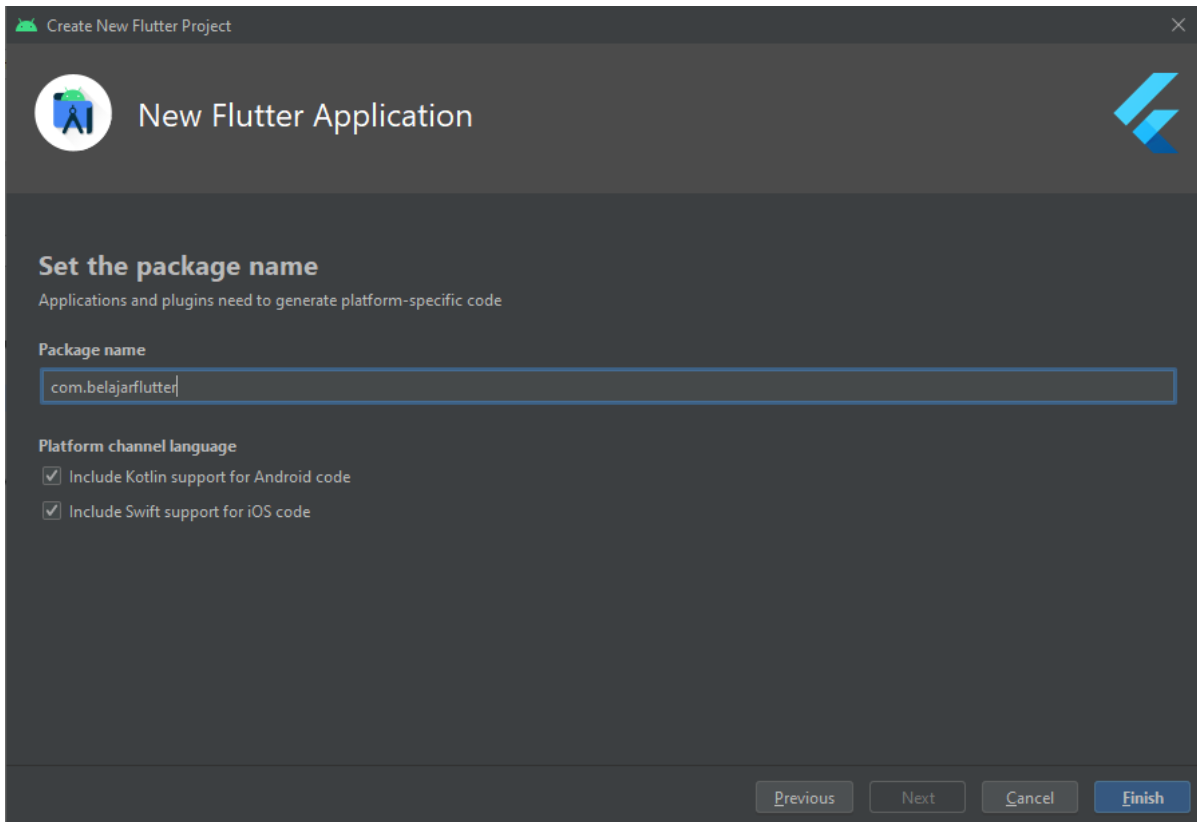
Project location
D:\Belajar

Description
Membuat Aplikasi Mobile Flutter

☐ Create project offline

Previous Next Cancel Finish

Kemudian klik tombol “Finish”. Pastikan perangkat terhubung ke internet, karena diperlukan untuk mengunduh proyek yang dibuat



Create New Flutter Project

New Flutter Application

Set the package name
Applications and plugins need to generate platform-specific code

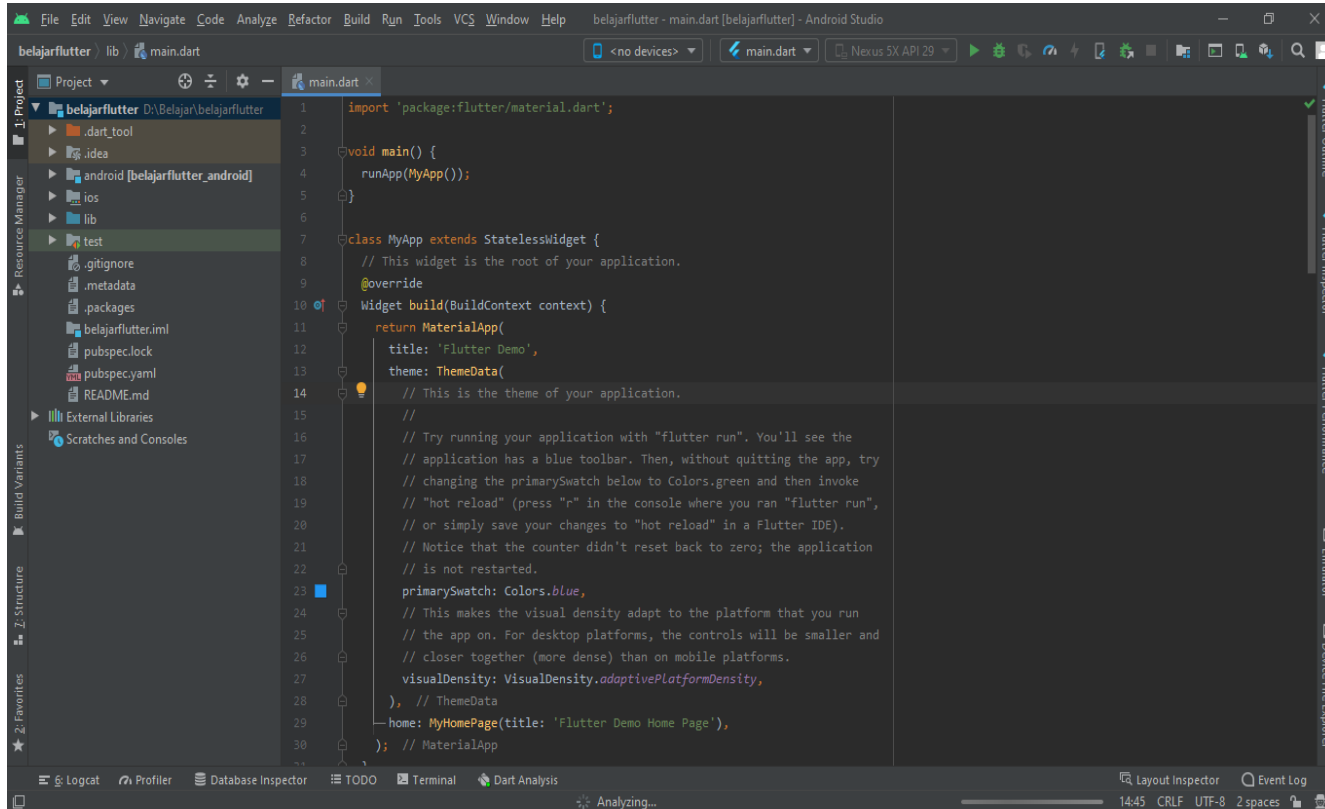
Package name
com.belajarflutter

Platform channel language

- ☒ Include Kotlin support for Android code
- ☒ Include Swift support for iOS code

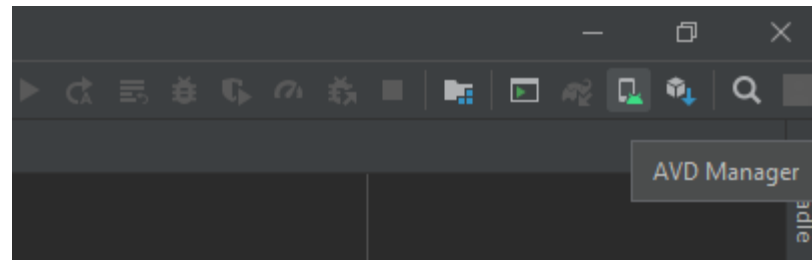
Previous Next Cancel Finish

Setelah selesai akan muncul proyek yang telah dibuat

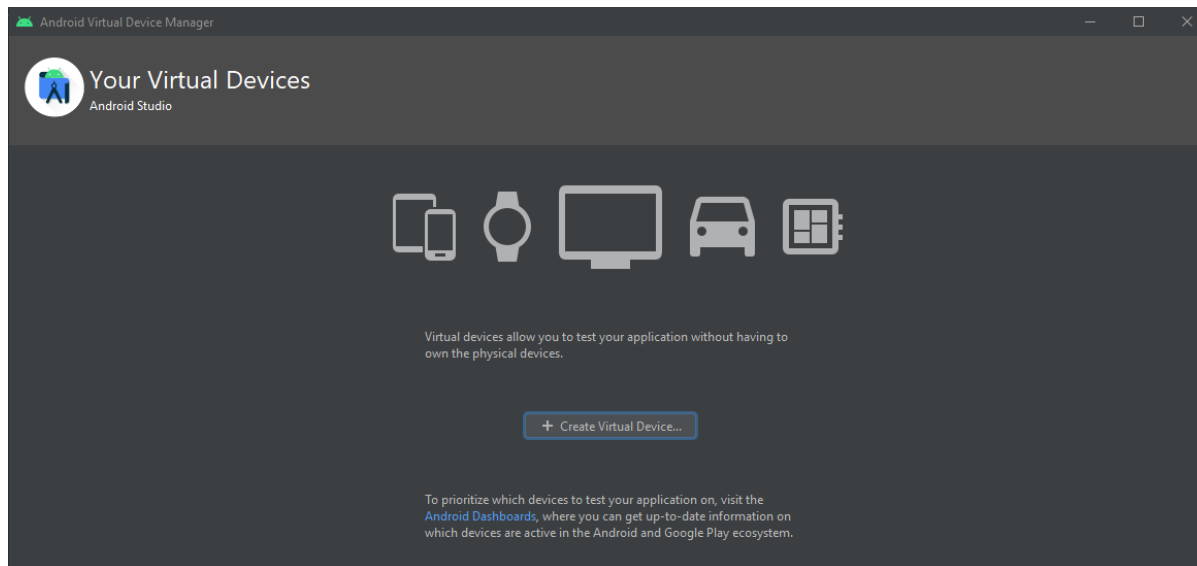


```
1 import 'package:flutter/material.dart';
2
3 void main() {
4   runApp(MyApp());
5 }
6
7 class MyApp extends StatelessWidget {
8   // This widget is the root of your application.
9   @override
10  Widget build(BuildContext context) {
11    return MaterialApp(
12      title: 'Flutter Demo',
13      theme: ThemeData(
14        // This is the theme of your application.
15        //
16        // Try running your application with "flutter run". You'll see the
17        // application has a blue toolbar. Then, without quitting the app, try
18        // changing the primarySwatch below to Colors.green and then invoke
19        // "hot reload" (press "r" in the console where you ran "flutter run",
20        // or simply save your changes to "hot reload" in a Flutter IDE).
21        // Notice that the counter didn't reset back to zero; the application
22        // is not restarted.
23        primarySwatch: Colors.blue,
24        // This makes the visual density adapt to the platform that you run
25        // the app on. For desktop platforms, the controls will be smaller and
26        // closer together (more dense) than on mobile platforms.
27        visualDensity: VisualDensity.adaptivePlatformDensity,
28      ), // ThemeData
29      home: MyHomePage(title: 'Flutter Demo Home Page'),
30    ); // MaterialApp
31  }
```

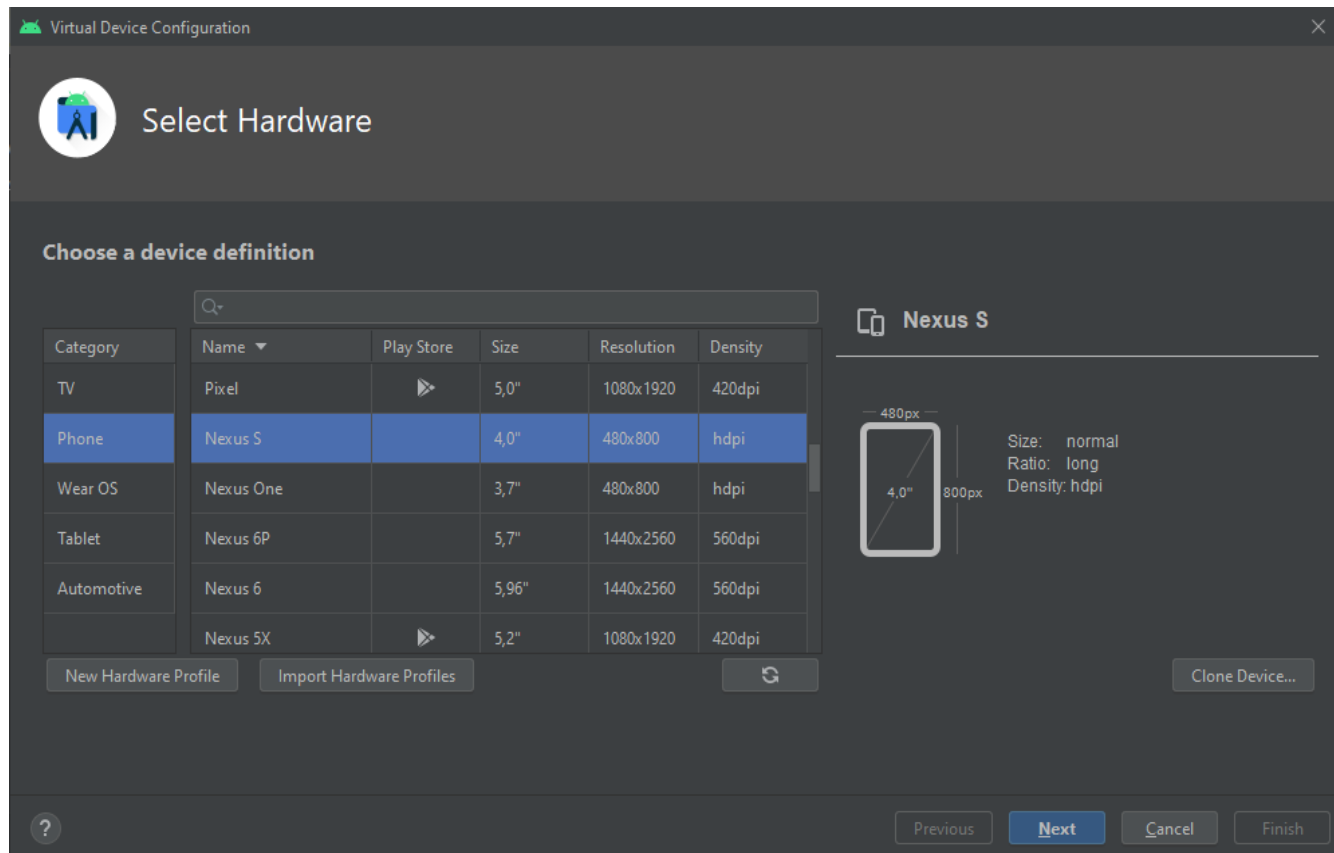
Untuk menjalankan proyek, kita memerlukan emulator android. Pertama kita akan membuat emulator android dengan cara klik “AVD Manager” pada pojok kiri atas



Kemudian klik tombol “Create Virtual Device”



Pilih salah satu device yang diinginkan, misalnya “Nexus S” kemudian klik tombol “Next”





Setelah itu klik Finish

Virtual Device Configuration


Android Virtual Device (AVD)


Verify Configuration

AVD Name:

	Nexus S	4.0 480x800 hdpi	<button>Change...</button>
	Lollipop	Android 5.1 x86	<button>Change...</button>

Startup orientation


Portrait


Landscape

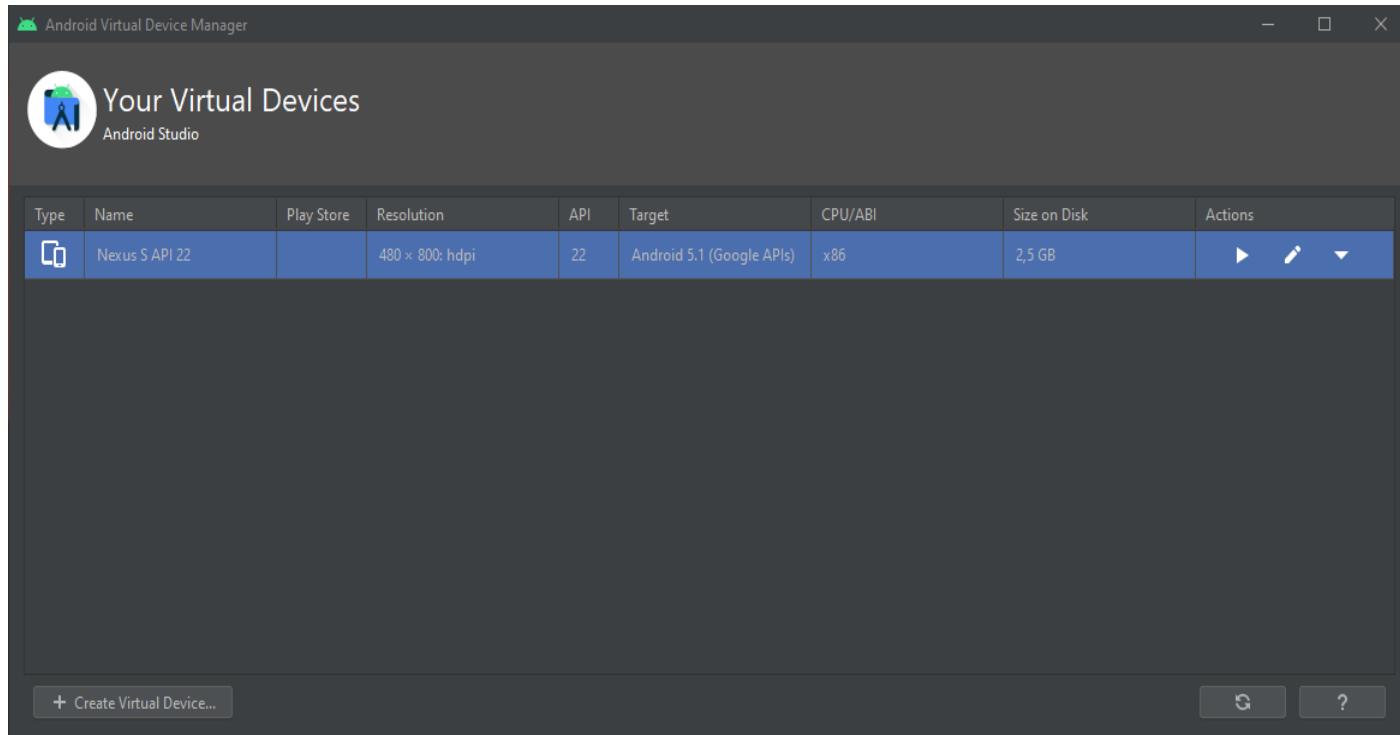
Show Advanced Settings

AVD Name

The name of this AVD.

? Previous Next Cancel Finish

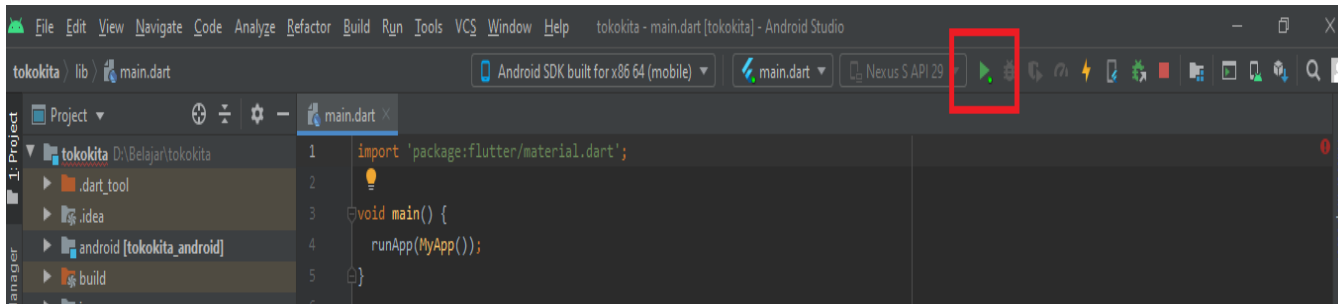
Untuk Menjalankan Emulator, klik logo play



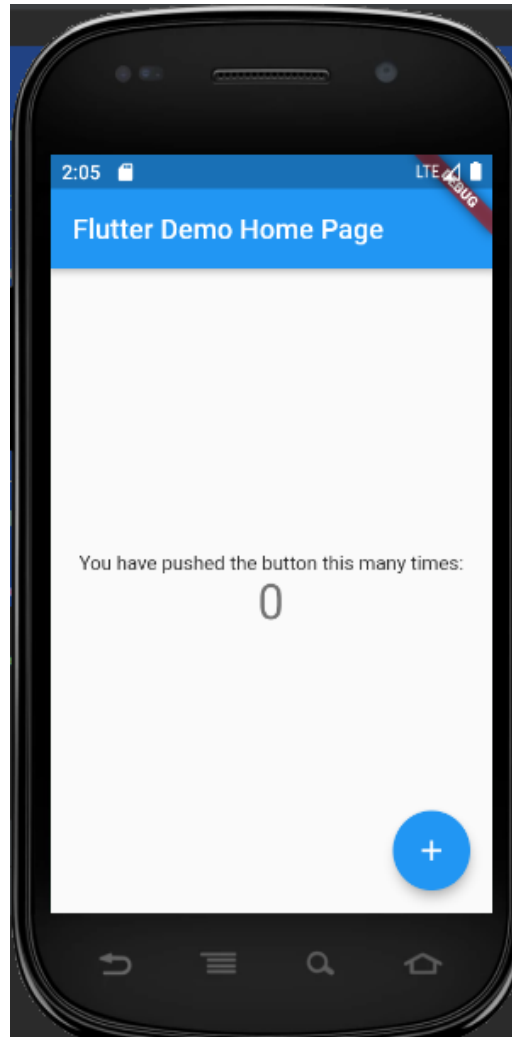
Kemudian akan muncul emulator android seperti berikut:



Jika emulator sudah berjalan, kita dapat mengeksekusi proyek dengan cara klik tombol play (berwarna hijau) pada Android Studio



Pada emulator akan tampil hasil proyek seperti berikut



TUGAS

1. Download VSCode pada laman <https://code.visualstudio.com/download>
2. Lakukan instalasi VSCode dengan mengikuti petunjuk pada pertemuan 3