

Tugas Pertemuan 8 (UTS)  
**Pemrograman Mobile 2**



Prodi Teknik Informatika  
Universitas Pelita Bangsa

Matkul Pemrograman Mobile  
Muhammad Najamuddin Dwi Miharja, S.Kom, M.kom

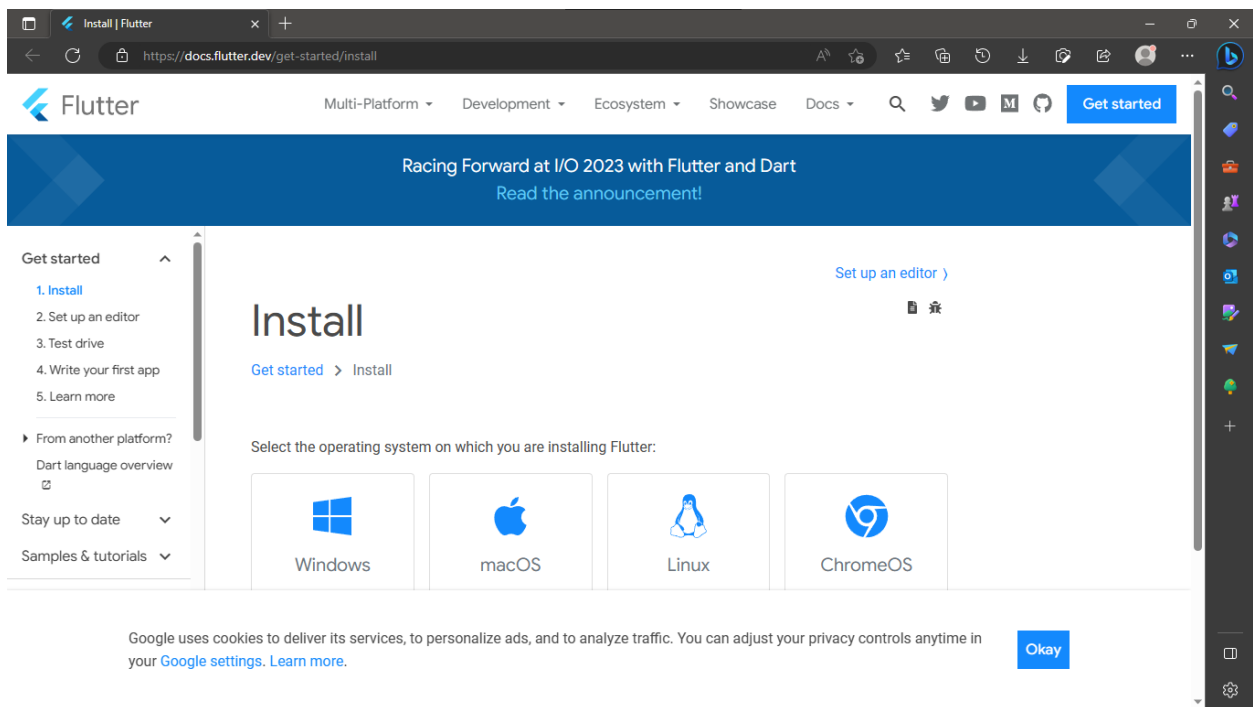
Yusuf Putra Bintang Satria ~ 312110317  
TI.21.A2

# MEMBUAT CLONE TOKOPEDIA LOGIN PAGE

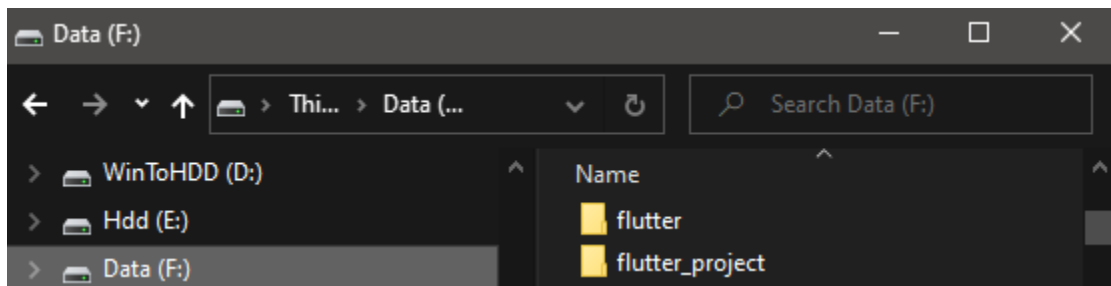
## Cara Membuat Clone Page Login Tokopedia

### Aplikasi Flutter

- Pertama yang harus disiapkan yaitu Aplikasi Flutter, Berikut cara mendownload Aplikasi Flutter, Dengan Link : <https://docs.flutter.dev/get-started/install>



- Install Flutter yang telah di download tadi dan taruh di Local Disk (F:)



- Cek Aplikasi Flutter pada cmd degan cara Shortcut **Win + R** . Ketik cmd dan klik Open, **setelah itu di cmd ketik Flutter**

```

C:\Administrator: Command Prompt - flutter
Microsoft Windows [Version 10.0.19044.2965]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\system32>flutter
Manage your Flutter app development.

Common commands:

  flutter create <output directory>
    Create a new Flutter project in the specified directory.

  flutter run [options]
    Run your Flutter application on an attached device or in an emulator.

Usage: flutter <command> [arguments]

Global options:
-h, --help                Print this usage information.
-v, --verbose             Noisy logging, including all shell commands executed.
                          If used with "--help", shows hidden options. If used with "flutter doctor", shows additional
on. (Use "-vv" to force verbose logging in those cases.)
-d, --device-id           Target device id or name (prefixes allowed).
--version                Reports the version of this tool.
--suppress-analytics     Suppress analytics reporting for the current CLI invocation.
--disable-telemetry      Disable telemetry reporting when this command runs.

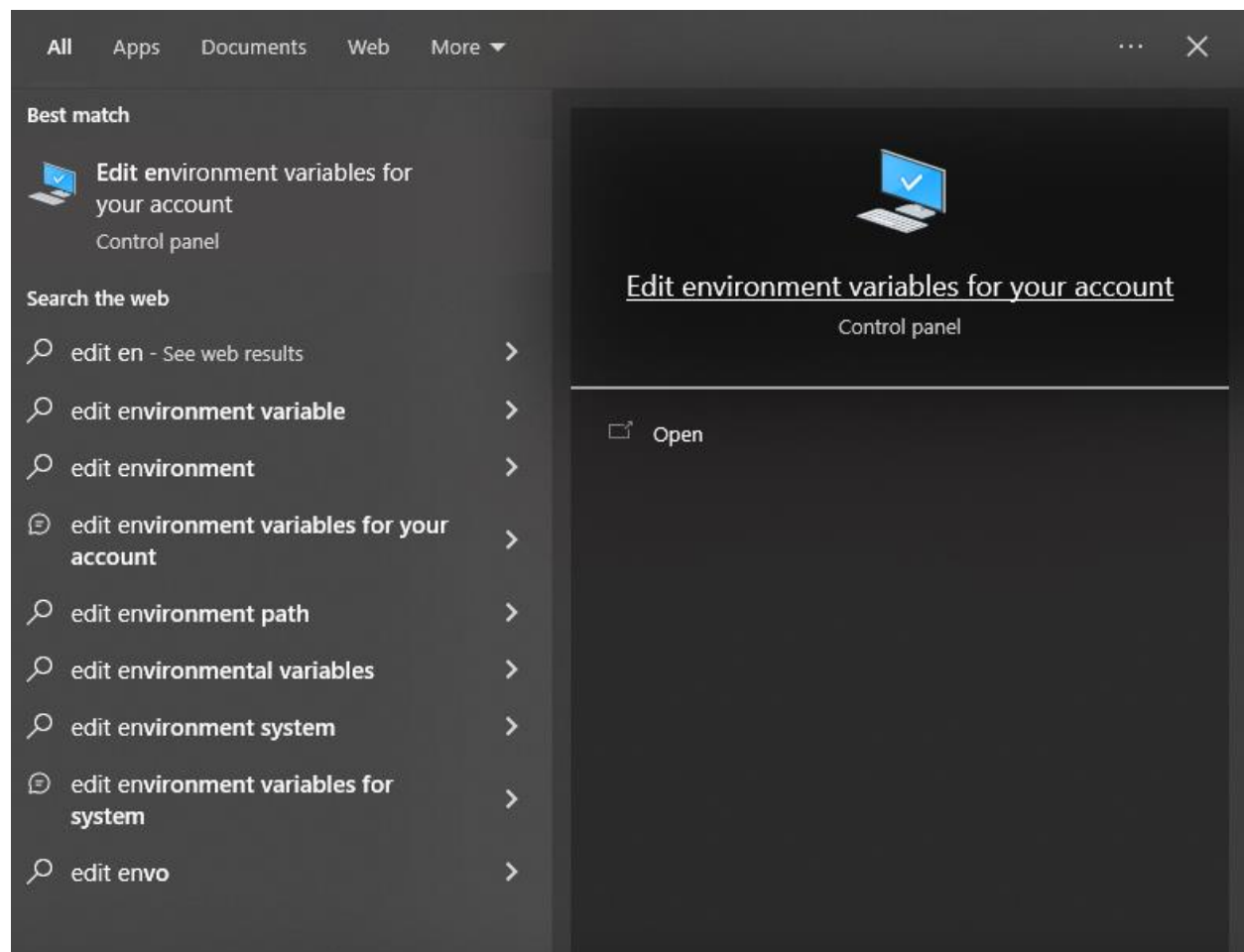
Available commands:

Flutter SDK
  bash-completion      Output command line shell completion setup scripts.
  channel               List or switch Flutter channels.
  config               Configure Flutter settings.
  doctor               Show information about the installed tooling.
  downgrade            Downgrade Flutter to the last active version for the current channel.
  precache             Populate the Flutter tool's cache of binary artifacts.
  upgrade              Upgrade your copy of Flutter.

Project
  analyze              Analyze the project's Dart code.
  assemble             Assemble and build Flutter resources.
  build                Build an executable app or install bundle.
  clean                Delete the build/ and .dart_tool/ directories.
  create               Create a new Flutter project.
  drive                Run integration tests for the project on an attached device or emulator.
  gen-l10n             Generate localizations for the current project.
  pub                  Commands for managing Flutter packages.

```

- Jika sudah terlihat tulisan seperti gambar diatas maka sudah terhubung dengan flutter
- Dan jika belum disambungkan terlebih dahulu dengan cara buka **Search > Edit Environtment Variable > Edit Path > New**, dan masukkan **“F:\flutter\bin “**



## Environment Variables



## User variables for Lenovo G405

Variable	Value
OneDrive	C:\Users\Lenovo G405\OneDrive
Path	C:\Users\Lenovo G405\AppData\Local\Programs\Python\Python31...
PT6HOME	C:\Program Files (x86)\Cisco Packet Tracer 6.2sv
TEMP	C:\Users\Lenovo G405\AppData\Local\Temp
TMP	C:\Users\Lenovo G405\AppData\Local\Temp

New...

Edit...

Delete

## System variables

Variable	Value
ComSpec	C:\Windows\system32\cmd.exe
DriverData	C:\Windows\System32\Drivers\DriverData
NUMBER_OF_PROCESSORS	2
OS	Windows_NT
Path	C:\Program Files\Common Files\Oracle\Java\javapath;C:\Windows...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE	AMD64

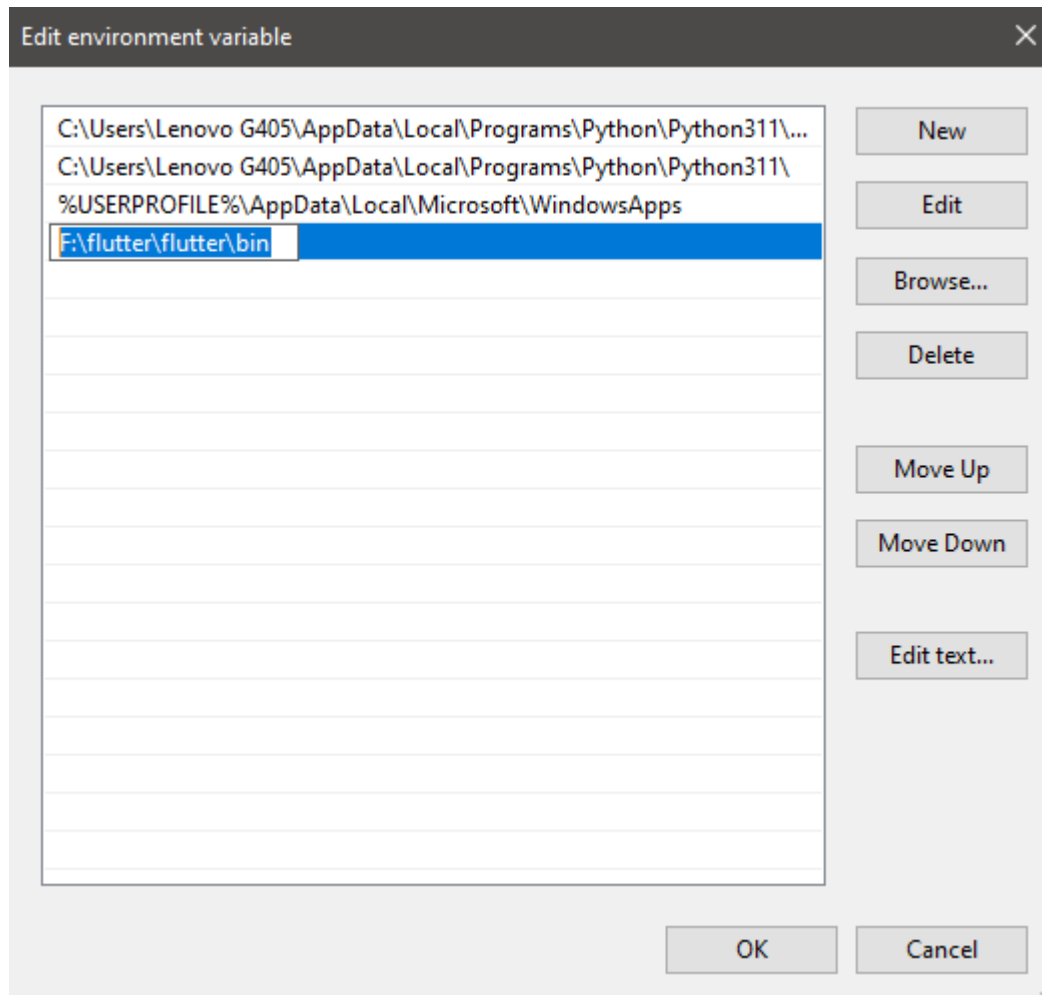
New...

Edit...

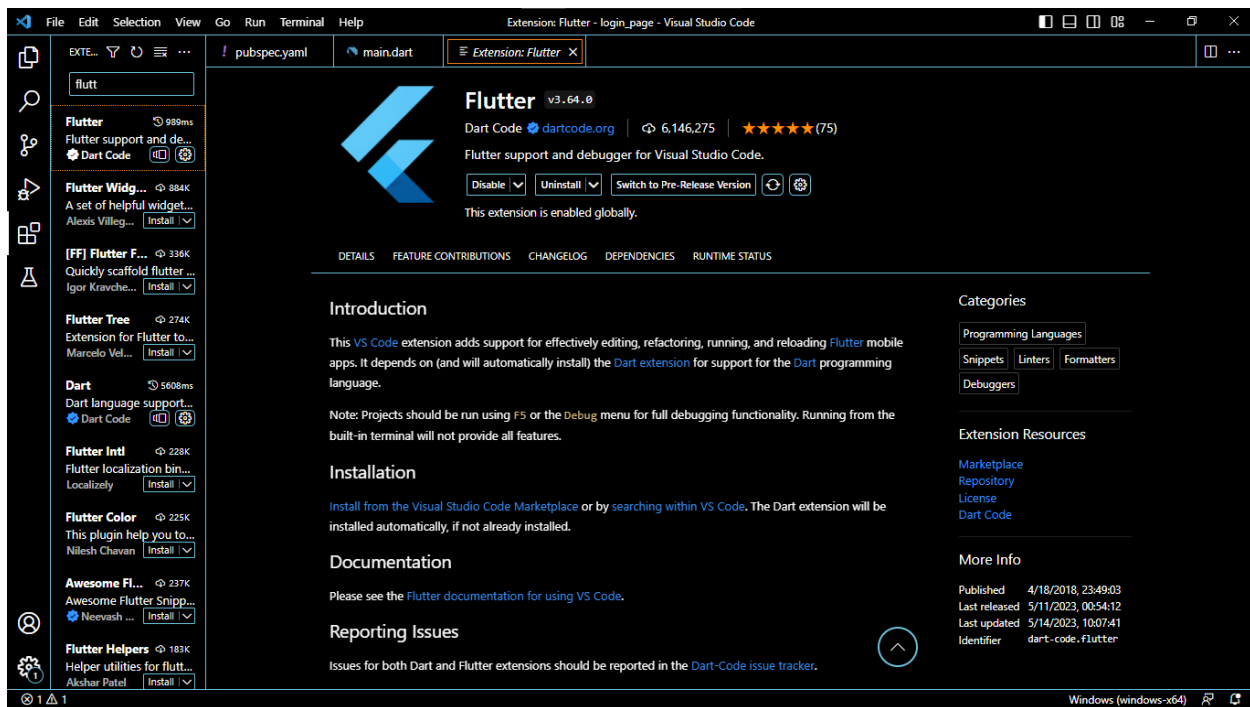
Delete

OK

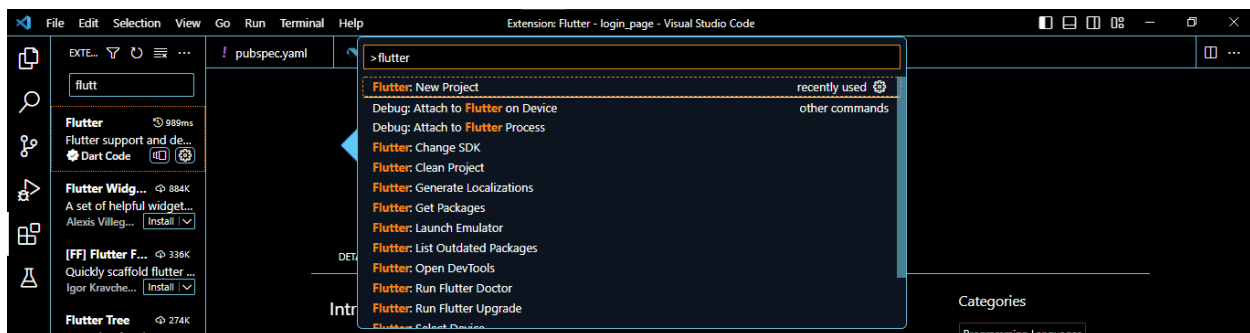
Cancel



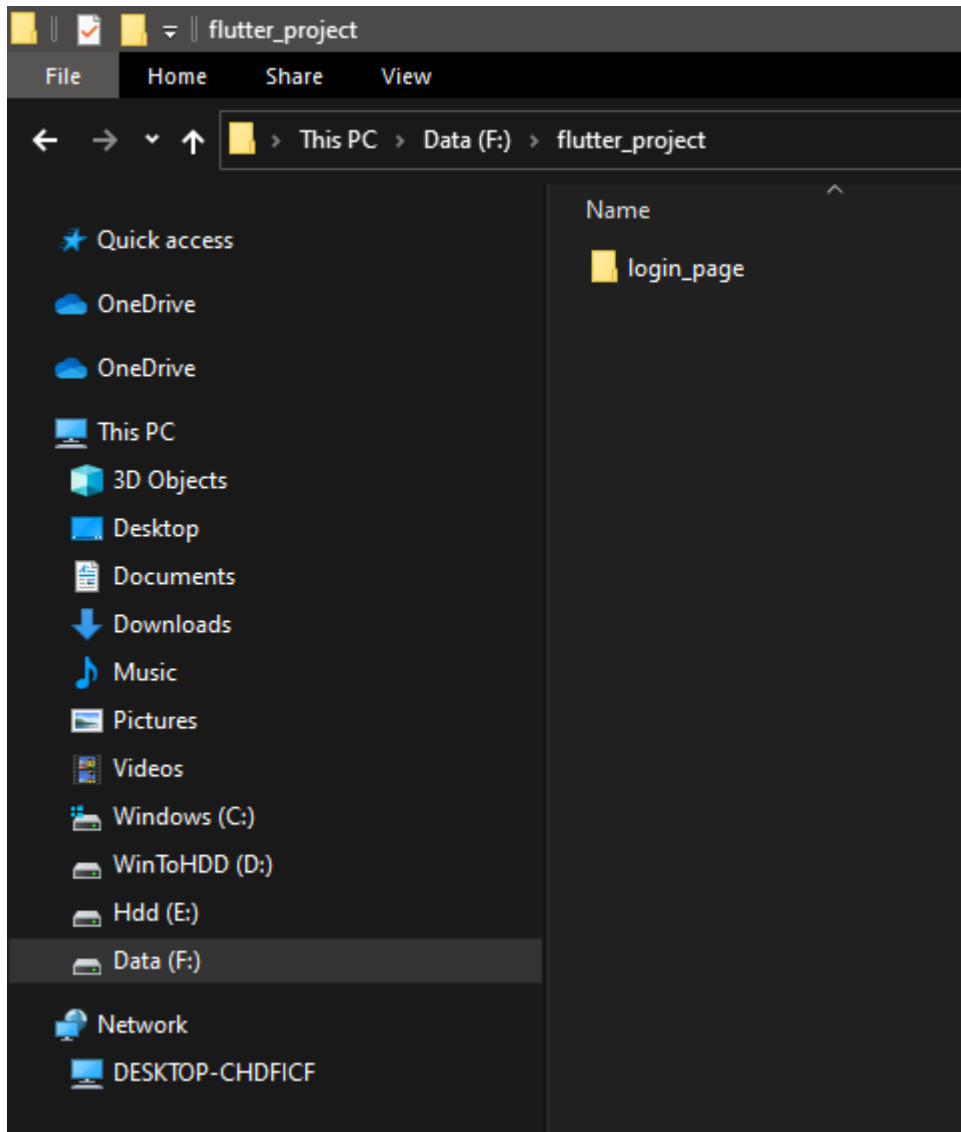
- **Install Flutter** di Visual Studio Code
- Dengan cara Klik **Extensions (Ctrl + Shift + X)**
- Ketik Flutter Untuk mencari extensionnya
- **Klik Download** (Jika sudah di download maka akan seperti ini)



- Lanjut Buatlah folder baru untuk proyek Flutter.
- Buka terminal atau command prompt, lalu masuk ke direktori proyek yang telah Anda buat dengan menggunakan perintah `cd <nama_folder_proyek>`.
- Jalankan perintah `flutter create nama_proyek` untuk membuat proyek baru Flutter. Ganti `nama_proyek` dengan nama yang sesuai untuk proyek Anda.
- Atau dengan cara **View > Command Palette** , atau bisa langsung Shortcut (**Ctrl + Shift + P**)
- Ketik **Flutter New Project**



- Letakan folder sesuai direktori yang ingin dipakai



- Setelah Membuat New Flutter Project, maka tahap selanjutnya Membuat Login Page



## Codingan Clone Tokopedia Login Page (UTS)

### Code :

Di dalam Folder lib ada `main.dart`

Isi Codingan `main.dart`

```
import 'package:flutter/material.dart';

void main() {
  runApp(const LoginPage());
}

class LoginPage extends StatelessWidget {
  const LoginPage({super.key});

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        body: Container(
          padding: const EdgeInsets.all(24.0),
          decoration: const BoxDecoration(
            image: DecorationImage(
              image: AssetImage('assets/bg1.png'), // Ganti dengan path gambar
              fit: BoxFit.cover,
            ),
          ),
          child: Container(
            padding: const EdgeInsets.all(24.0),
            color: Colors.transparent, // Set background color menjadi
            // transparent agar background image terlihat
            child: Column(
              crossAxisAlignment: CrossAxisAlignment.start,
              children: [
                const SizedBox(height: 100),
                const Text(
```

```

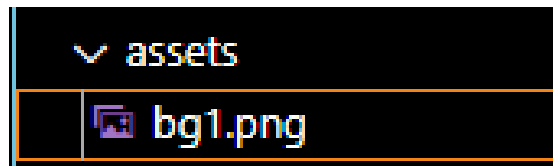
        'Selamat Datang di Tokopedia',
        style: TextStyle(
          color: Colors.green,
          fontSize: 24,
          fontWeight: FontWeight.bold,
        ),
      ),
    ),
    const SizedBox(height: 40),
    const TextField(
      decoration: InputDecoration(
        labelText: 'Email atau Nomor HP',
        border: OutlineInputBorder(
          borderSide: BorderSide(color: Colors.grey), // Ubah warna
border di sini
        ),
      ),
    ),
    const SizedBox(height: 16),
    const TextField(
      obscureText: true,
      decoration: InputDecoration(
        labelText: 'Kata Sandi',
        border: OutlineInputBorder(
          borderSide: BorderSide(color: Colors.grey), // Ubah warna
border di sini
        ),
      ),
    ),
    const SizedBox(height: 20),
    ElevatedButton(
      onPressed: () {},
      style: ButtonStyle(
        backgroundColor:
MaterialStateProperty.all<Color>(Colors.green), // Ubah warna latar belakang di
sini
      ),
      child: Container(
        width: double.infinity,
        padding: const EdgeInsets.symmetric(vertical: 16),
        child: const Text(
          'MASUK',
          textAlign: TextAlign.center,
          style: TextStyle(
            color: Colors.white,
            fontSize: 15,

```

```
fontWeight: FontWeight.bold,  
    ),  
  ),  
),  
const SizedBox(height: 24),  
TextButton(  
  onPressed: () {},  
  child: const Text(  
    'Lupa kata sandi?',  
    style: TextStyle(  
      color: Colors.green,  
      fontSize: 16,  
      fontWeight: FontWeight.bold,  
    ),  
  ),  
),  
const Spacer(),  
Row(  
  mainAxisAlignment: MainAxisAlignment.center,  
  children: [  
    const Text(  
      'Belum punya akun Tokopedia? ',  
      style: TextStyle(  
        color: Colors.black,  
        fontSize: 16,  
      ),  
    ),  
    TextButton(  
      onPressed: () {},  
      child: const Text(  
        'Daftar',  
        style: TextStyle(  
          color: Colors.green,  
          fontSize: 16,  
          fontWeight: FontWeight.bold,  
        ),  
      ),  
    ),  
  ],  
),  
],  
),  
),  
),
```

```
),  
);  
}  
}
```

- Untuk menambahkan background buat Folder Baru dan beri nama Assets dan di dalam nya file gambar untuk dijadikan Backgroundnya.

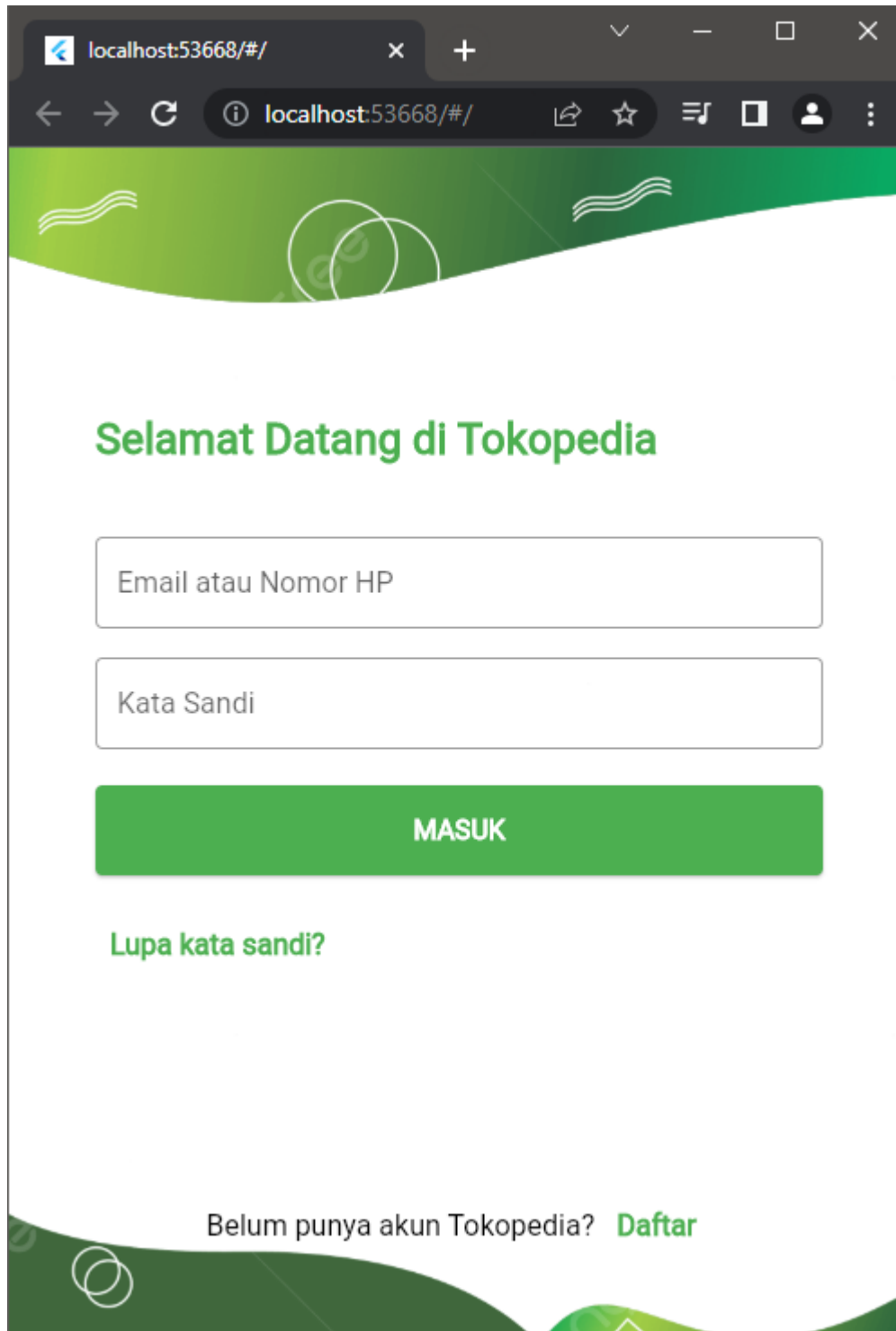


- Di dalam file **pubspec.yaml** berikut codenya :

```
- name: login_page  
- description: A new Flutter project.  
-  
- publish_to: 'none'  
-  
- version: 1.0.0+1  
-  
- environment:  
-   sdk: '>=3.0.0 <4.0.0'  
-  
- dependencies:  
-   flutter:  
-     sdk: flutter  
-  
-   cupertino_icons: ^1.0.2  
-  
- dev_dependencies:  
-   flutter_test:  
-     sdk: flutter  
-  
-   flutter_lints: ^2.0.0  
-  
- flutter:  
-  
-   uses-material-design: true
```

```
-  
-  
- assets:  
-   - assets/bg1.png  
-
```

- Berikut Gambar Hasil Run :



<https://github.com/YusufPutraBintangSatria/Tokopedia-Login-Page/upload/main>