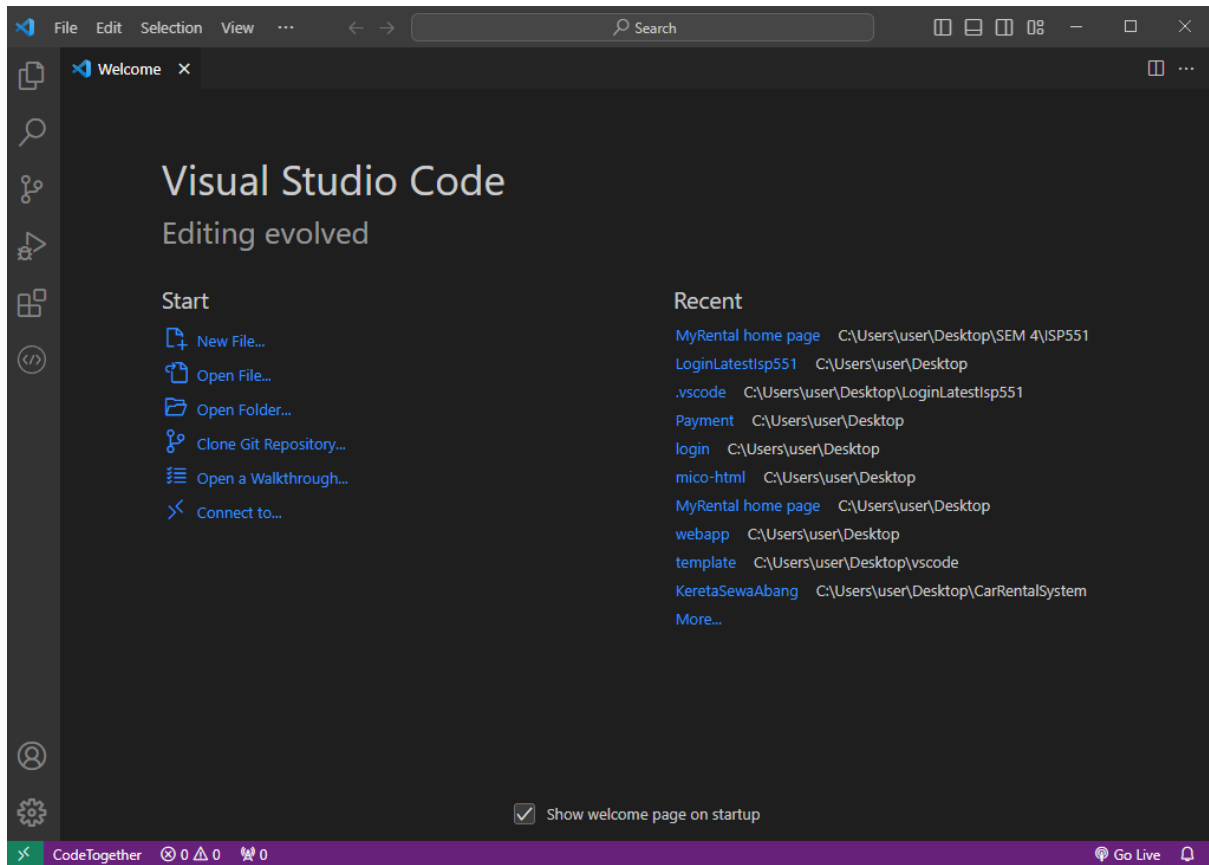
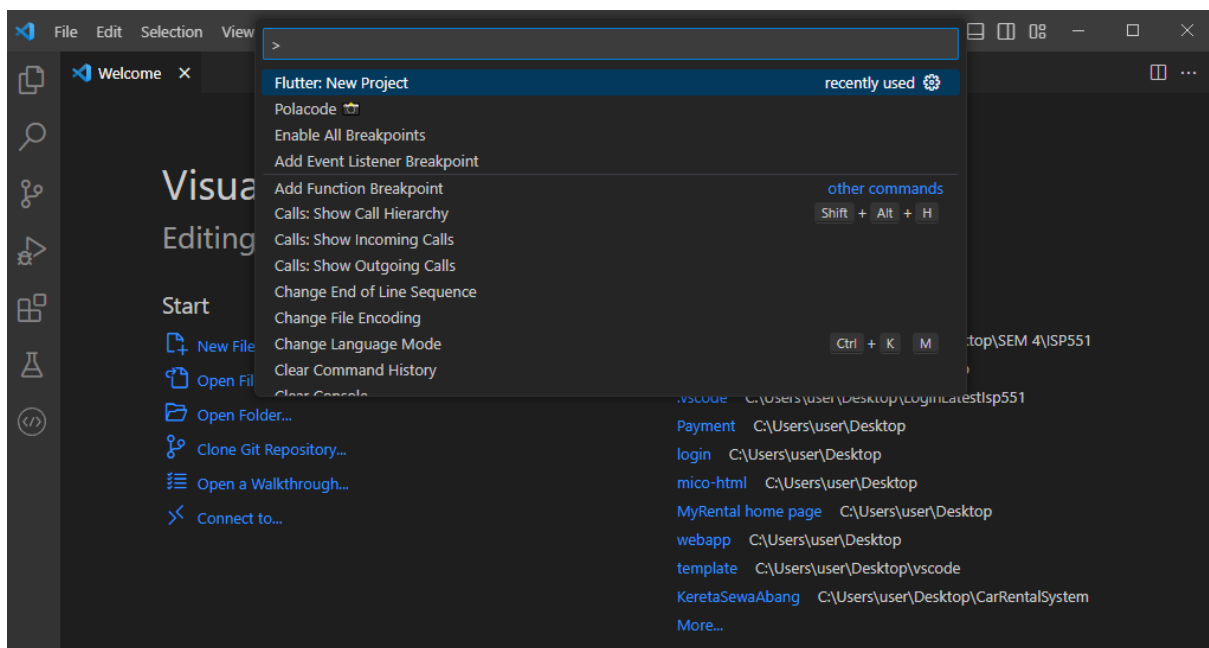


LAB 2 – DESIGN A LOGIN PAGE

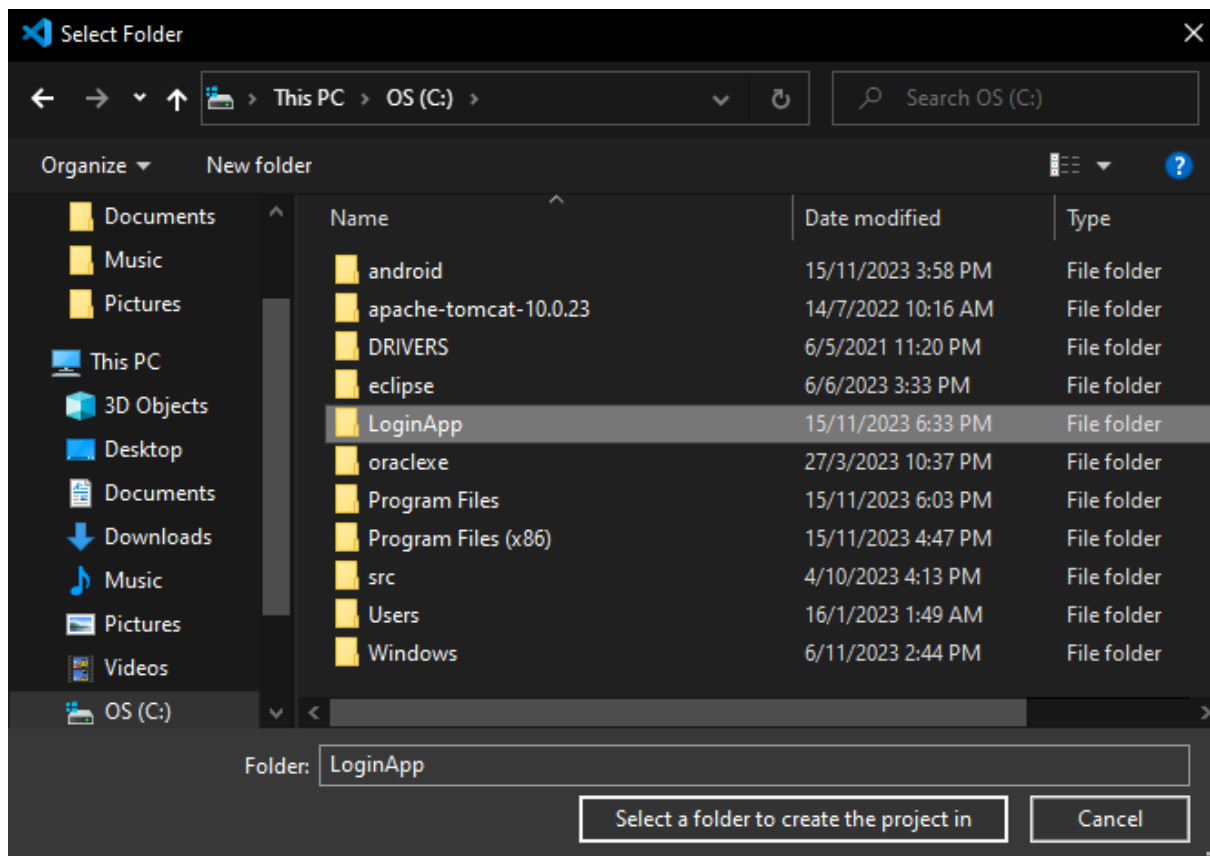
Step 1 : Open your Visual Studio Code.



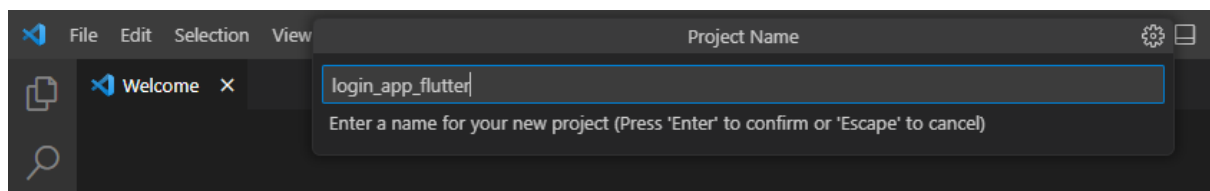
Step 2 : Click Ctrl + Shift + P, then type and click Flutter: New Project.



Step 3 : Select a folder.



Step 4 : Create a new name for login application. For example, we created name



Step 5 : Copy and paste both of the codes.

- login_page.dart

```
import 'package:flutter/material.dart';
import 'package:modernlogintute/components/my_button.dart';
import 'package:modernlogintute/components/my_textfield.dart';
import 'package:modernlogintute/components/square_tile.dart';

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

  // text editing controllers
  final usernameController = TextEditingController();
  final passwordController = TextEditingController();

  // sign user in method
  void signUserIn() {}

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: Colors.grey[300],
      body: SafeArea(
        child: Center(
          child: Column(
            mainAxisAlignment: MainAxisAlignment.center,
            children: [
              const SizedBox(height: 50),

              // Logo
              const Icon(
                Icons.lock,
                size: 100,
              ),

              const SizedBox(height: 50),

              // welcome back, you've been missed!
              Text(
                'Welcome back you\'ve been missed!',
                style: TextStyle(
                  color: Colors.grey[700],
                  fontSize: 16,
                ),
              ),

              const SizedBox(height: 25),
```

```
// username textfield
MyTextField(
  controller: usernameController,
  hintText: 'Username',
  obscureText: false,
),

const SizedBox(height: 10),

// password textfield
MyTextField(
  controller: passwordController,
  hintText: 'Password',
  obscureText: true,
),

const SizedBox(height: 10),

// forgot password?
Padding(
  padding: const EdgeInsets.symmetric(horizontal: 25.0),
  child: Row(
    mainAxisAlignment: MainAxisAlignment.end,
    children: [
      Text(
        'Forgot Password?',
        style: TextStyle(color: Colors.grey[600]),
      ),
    ],
  ),
),

const SizedBox(height: 25),

// sign in button
MyButton(
  onTap: signInUserIn,
),

const SizedBox(height: 50),

// or continue with
Padding(
  padding: const EdgeInsets.symmetric(horizontal: 25.0),
  child: Row(
    children: [
      Expanded(
```

```

        child: Divider(
          thickness: 0.5,
          color: Colors.grey[400],
        ),
      ),
      Padding(
        padding: const EdgeInsets.symmetric(horizontal: 10.0),
        child: Text(
          'Or continue with',
          style: TextStyle(color: Colors.grey[700]),
        ),
      ),
      Expanded(
        child: Divider(
          thickness: 0.5,
          color: Colors.grey[400],
        ),
      ),
    ],
  ),
),

const SizedBox(height: 50),

// google + apple sign in buttons
Row(
  mainAxisAlignment: MainAxisAlignment.center,
  children: const [
    // google button
    SquareTile(imagePath: 'lib/images/google.png'),

    SizedBox(width: 25),

    // apple button
    SquareTile(imagePath: 'lib/images/apple.png')
  ],
),

const SizedBox(height: 50),

// not a member? register now
Row(
  mainAxisAlignment: MainAxisAlignment.center,
  children: [
    Text(
      'Not a member?',
      style: TextStyle(color: Colors.grey[700]),
    ),
  ],
),

```

```

        const SizedBox(width: 4),
        const Text(
          'Register now',
          style: TextStyle(
            color: Colors.blue,
            fontWeight: FontWeight.bold,
          ),
        ),
      ],
    ),
  ],
),
),
),
);
}
}

```

- main.dart

```

import 'package:flutter/material.dart';
import 'pages/login_page.dart';

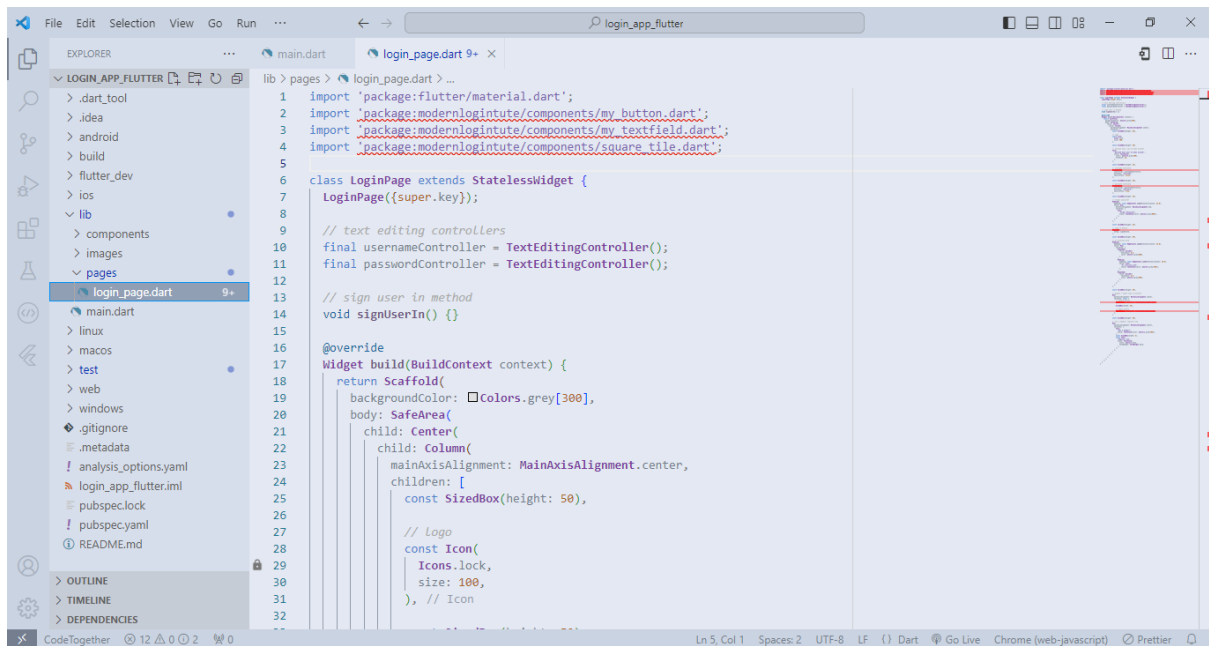
void main() {
  runApp(const MyApp());
}

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

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: LoginPage(),
    );
  }
}

```

Step 6 : Run the codes.



```
lib > pages > login_page.dart > ...
1 import 'package:flutter/material.dart';
2 import 'package:modernlogintute/components/my_button.dart';
3 import 'package:modernlogintute/components/my_textfield.dart';
4 import 'package:modernlogintute/components/square_tile.dart';
5
6 class LoginPage extends StatelessWidget {
7   LoginPage({super.key});
8
9   // text editing controllers
10  final usernameController = TextEditingController();
11  final passwordController = TextEditingController();
12
13  // sign user in method
14  void signUserIn() {}
15
16  @override
17  Widget build(BuildContext context) {
18    return Scaffold(
19      backgroundColor: Colors.grey[300],
20      body: SafeArea(
21        child: Center(
22          child: Column(
23            mainAxisAlignment: MainAxisAlignment.center,
24            children: [
25              const SizedBox(height: 50),
26
27              // Logo
28              const Icon(
29                Icons.lock,
30                size: 100,
31              ), // Icon
32            ],
33          ),
34        ),
35      ),
36    );
37  }
38}
```

Step 7 : Output was displayed as below.

