# Add Dependencies

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| pubspec.yaml |
| dependencies:  flutter:  sdk: flutter  **shared\_preferences: 2.3.2** |

# Import to .dart file

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| main.dart |
| import 'package:flutter/material.dart'; **import 'package:shared\_preferences/shared\_preferences.dart';**  void main() {  runApp(const MyApp()); } |

# Login Screen

Build the login screen and save login info to SharedPreferences.

Navigate to Display Screen on Login button click.

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| main.dart |
| import 'package:flutter/material.dart';  import 'package:shared\_preferences/shared\_preferences.dart';  import 'display\_screen.dart';  void main() {  runApp(const MyApp());  }  class MyApp extends StatelessWidget {  const MyApp({super.key});  @override  Widget build(BuildContext context) {  return MaterialApp(  title: 'Flutter Login Demo',  theme: ThemeData(  colorScheme: ColorScheme.fromSeed(seedColor: Colors.deepPurple),  useMaterial3: true,  ),  **home: const LoginScreen(),**  );  }  }  class LoginScreen extends StatefulWidget {  const LoginScreen({super.key});  @override  **State<LoginScreen> createState() => \_LoginScreenState();**  }  class **\_LoginScreenState** extends State<LoginScreen> {  final TextEditingController **\_usernameController** = TextEditingController();  final TextEditingController **\_passwordController** = TextEditingController();  Future<void> \_login() async {  **final SharedPreferences prefs = await SharedPreferences.getInstance();**  await **prefs.setString**('username', \_usernameController.text);  await **prefs.setString**('password', \_passwordController.text);  // Navigate to DisplayScreen  **Navigator.push(**  **context,**  **MaterialPageRoute(**  **builder: (context) => const DisplayScreen(),**  **),**  **);**  }  @override  Widget build(BuildContext context) {  return Scaffold(  appBar: AppBar(  title: const Text('Login'),  ),  body: Padding(  padding: const EdgeInsets.all(16.0),  child: Column(  mainAxisAlignment: MainAxisAlignment.center,  children: <Widget>[  **TextField**(  controller: **\_usernameController**,  decoration: const InputDecoration(labelText: 'Username'),  ),  **TextField**(  controller: **\_passwordController**,  decoration: const InputDecoration(labelText: 'Password'),  obscureText: true,  ),  const SizedBox(height: 20),  **ElevatedButton**(  **onPressed: \_login**,  child: const Text('Login'),  ),  ],  ),  ),  );  }  } |

A screenshot of a computer

Description automatically generated

# Display Screen/ Dashboard

Load the information in SharedPreferences and show in labels.

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| display\_screen.dart |
| import 'package:flutter/material.dart';  **import 'package:shared\_preferences/shared\_preferences.dart';**  class DisplayScreen extends StatefulWidget {  const DisplayScreen({super.key});  @override  State<DisplayScreen> createState() => \_DisplayScreenState();  }  class \_DisplayScreenState extends State<DisplayScreen> {  String **\_username** = '';  String **\_password** = '';  @override  void initState() {  super.initState();  **\_loadLoginInfo();**  }  Future<void> **\_loadLoginInfo()** async {  **final SharedPreferences prefs = await SharedPreferences.getInstance();**  setState(() {  **\_username = prefs.getString**('username') ?? 'No Username';  **\_password = prefs.getString**('password') ?? 'No Password';  });  }  @override  Widget build(BuildContext context) {  return Scaffold(  appBar: AppBar(  title: const Text('Display Details'),  ),  body: Center(  child: Column(  mainAxisAlignment: MainAxisAlignment.center,  children: [  **Text**(  'Username: **$\_username'**,  style: Theme.of(context).textTheme.headlineMedium,  ),  const SizedBox(height: 10),  **Text**(  'Password: **$\_password'**,  style: Theme.of(context).textTheme.headlineMedium,  ),  ],  ),  ),  );  }  } |

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