## Practical 5

**Create and application with Flutter UI Components.**

```
import 'package:flutter/material.dart';
import 'package:google_fonts/google_fonts.dart';
void main() {
 runApp(const MyApp());
}
class MyApp extends StatelessWidget {
 const MyApp({super.key});
 @override
 Widget build(BuildContext context) {
  return MaterialApp(
   debugShowCheckedModeBanner: false,
   theme: ThemeData(
    colorScheme: ColorScheme.fromSeed(seedColor: Colors.blueAccent),
    useMaterial3: true,
    textTheme: GoogleFonts.poppinsTextTheme(),   ),
     home: const LoginScreen(), ): } }
class LoginScreen extends StatefulWidget {
 const LoginScreen({super.key});
 @override
 _LoginScreenState createState() => _LoginScreenState();
}
class _LoginScreenState extends State<LoginScreen> {
 final TextEditingController emailController = TextEditingController();
 final TextEditingController passwordController = TextEditingController();
 final GlobalKey<FormState> _formKey = GlobalKey<FormState>();
 @override
 Widget build(BuildContext context) {
  return Scaffold(
   body: Center(
    child: Padding(
     padding: const EdgeInsets.symmetric(horizontal: 500.0),
     child: Form(
      key: _formKey,
      child: Column(
       mainAxisSize: MainAxisSize.min,
       children: [
        const Icon(Icons.login_rounded, size: 80, color: Colors.blueAccent),
        const SizedBox(height: 10),
        Text(   'LogIn',
          style: GoogleFonts.poppins(fontSize: 26, fontWeight: FontWeight.w600),  ),
        const SizedBox(height: 30),
        TextFormField(controller: emailController,  decoration: InputDecoration(
             labelText: 'Email', border: OutlineInputBorder(borderRadius:
             BorderRadius.circular(12)),
           prefixIcon: const Icon(Icons.email_outlined),),),
        const SizedBox(height: 15),
```
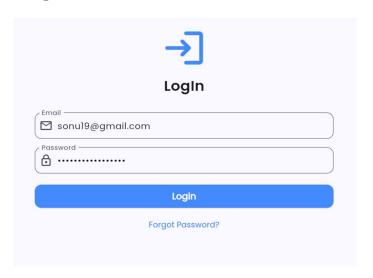
```
TextFormField( controller: passwordController, decoration: InputDecoration(
    labelText: 'Password', border: OutlineInputBorder(borderRadius:
      BorderRadius.circular(12)),
   prefixIcon: const Icon(Icons.lock_outline),),
 obscureText: true,
 validator: (value) =>
    (value == null || value.isEmpty) ? 'Please enter your password' : null, ),
const SizedBox(height: 20),
ElevatedButton(
  onPressed: () {
   if (_formKey.currentState!.validate()) {
     String email = emailController.text;
     String password = passwordController.text;
     print('Email: $email, Password: $password');    } },
  style: ElevatedButton.styleFrom(
    backgroundColor: Colors.blueAccent,
    foregroundColor: Colors.white,
    padding: const EdgeInsets.symmetric(vertical: 14),
 shape: RoundedRectangleBorder(borderRadius: BorderRadius.circular(12)),
    minimumSize: const Size(double.infinity, 50),    ),
  child: const Text('Login', style: TextStyle(fontSize: 16, fontWeight:
FontWeight.bold)),   ),
  const SizedBox(height: 15),        TextButton(
   onPressed: () {},
   child: const Text('Forgot Password?', style: TextStyle(color: Colors.blueAccent)),
  ), ], ),),),),), } }
```

## Output