

FACULTY OF ENGINEERING AND TECHNOLOGY

Department of Computer Engineering

01CE0610 – APP DEVLOPMENT USING FLUTTER

Experiment - 6

Aim: Create an application with Flutter UI Components.

Code:

```
import 'package:flutter/material.dart';
void main() {
 runApp(const MyApp());
}
class MyApp extends StatelessWidget {
 const MyApp({super.key});
 // This widget is the root of your application.
 @override
 Widget build(BuildContext context) {
   return MaterialApp(
    debugShowCheckedModeBanner: false,
    home: DefaultTabController(
     length: 2,
     child: Scaffold(
       appBar: AppBar(
        title: Text('Practical_6 Login'),
        centerTitle: true,
        bottom: TabBar(
         tabs: [
           Tab(text: 'Login'),
         ],
        ),
       ),
       body: TabBarView(
        children: [
          LoginCard(),
```



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```
class LoginCard extends StatelessWidget {
 @override
 Widget build(BuildContext context) {
  return Center(
   child: Card(
    margin: Edgelnsets.all(20.0),
    child: Padding(
     padding: EdgeInsets.all(16.0),
      child: Column(
       mainAxisSize: MainAxisSize.min,
       children: <Widget>[
        TextField(
         decoration: InputDecoration(labelText: 'Email'),
        ),
        SizedBox(height: 10),
        TextField(
         decoration: InputDecoration(labelText: 'Password'),
         obscureText: true,
        ),
        SizedBox(height: 20),
        ElevatedButton(
         onPressed: () {
          // Handle login logic here
         },
         style: ElevatedButton.styleFrom(
           shape: RoundedRectangleBorder(
            borderRadius: BorderRadius.circular(12), // Rounded corners
           side: BorderSide(color: Colors.blue), // Blue border
         child: Text('Login'),
```



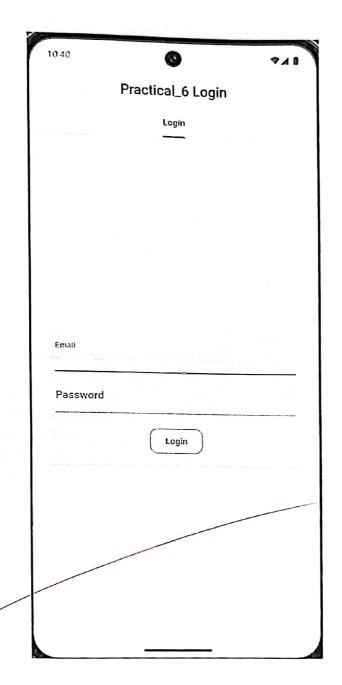


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Output:



X