



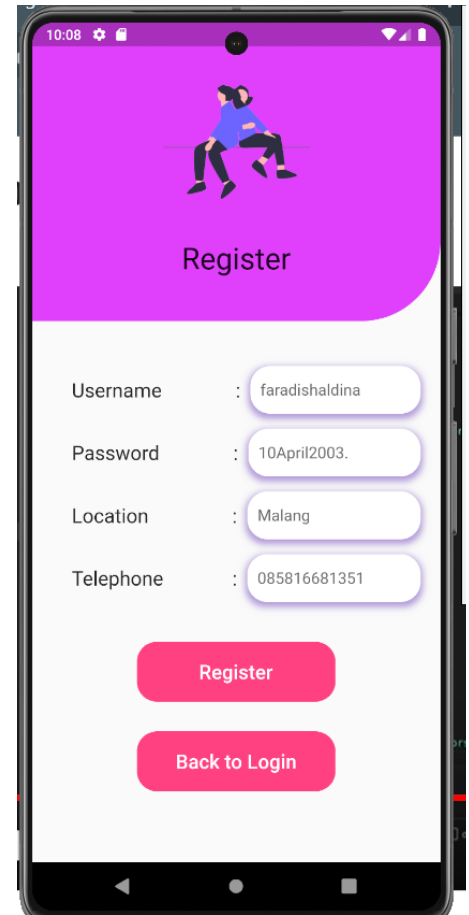
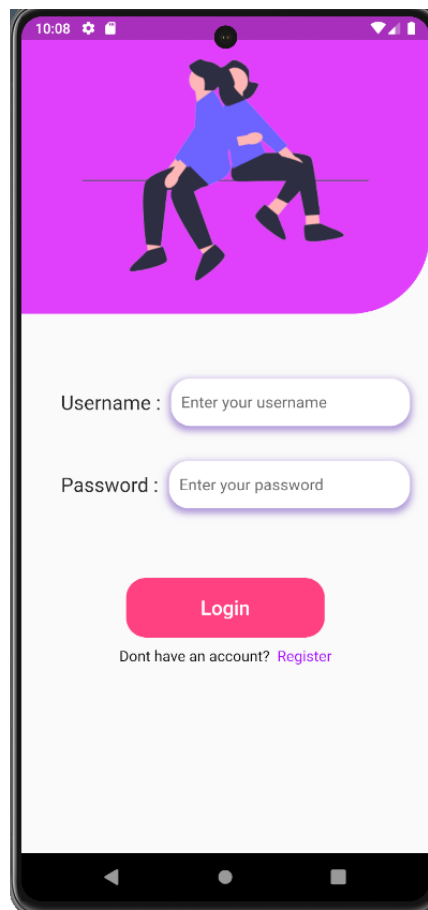
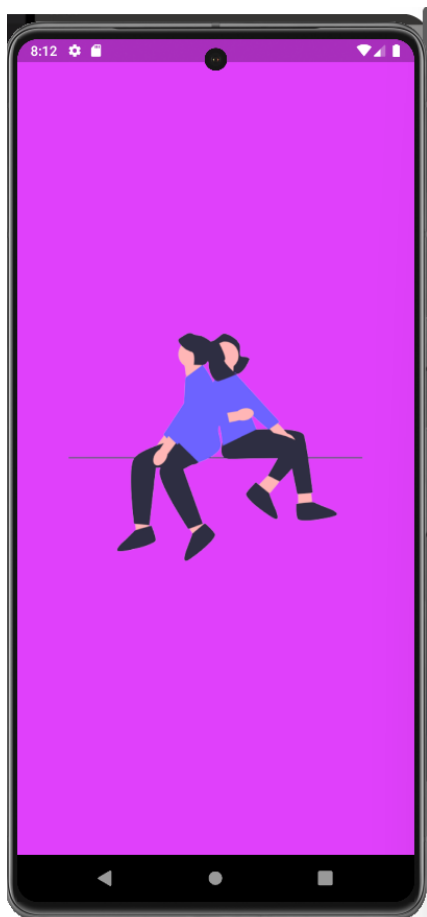
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## MID TERM EXAM

**Link Github :**

[https://github.com/faradishaldina/mobileprogramming\\_midterm/tree/main](https://github.com/faradishaldina/mobileprogramming_midterm/tree/main)

**Output :**





## 1. main.dart

```
import 'package:flutter/material.dart';
import 'package:midterm_faradisha_ti3i/login.dart';
import 'package:midterm_faradisha_ti3i/register.dart';
import 'package:midterm_faradisha_ti3i/splash.dart';

void main() {
  runApp(MaterialApp(
    debugShowCheckedModeBanner: false,
    routes: {
      '/': (context) => Splash(),
      '/login': (context) => Login(),
      '/register' : (context) => Register(),
    },
  ));
}
```

## 2. splash.dart

```
import 'dart:async';

import 'package:flutter/material.dart';
import 'package:flutter/src/foundation/key.dart';
import 'package:flutter/src/widgets/framework.dart';

class Splash extends StatefulWidget {
  const Splash({Key? key}) : super(key: key);

  @override
  State<Splash> createState() => _SplashState();
}

class _SplashState extends State<Splash> {
  @override
  void initState() {
    startTimer();
    super.initState();
  }

  startTimer() {
    var duration = Duration(seconds: 5);
```



```
        return Timer(duration, route);
    }

    route() {
        Navigator.of(context).pushReplacementNamed('/login');
    }

    @override
    Widget build(BuildContext context) {
        return Container(
            color: Colors.purpleAccent,
            child: Container(
                child: Image.asset("assets/logo.png"),
            ),
        );
    }
}
```

### 3. login.dart

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

class Login extends StatefulWidget {
    const Login({super.key});

    @override
    State<Login> createState() => _LoginState();
}

class _LoginState extends State<Login> {
    @override
    Widget build(BuildContext context) {
        return Scaffold(
            body: content(),
        );
    }
}
```



```
Widget content() {
  return Column(
    children: [
      Container(
        height: 300,
        width: double.infinity,
        decoration: BoxDecoration(
          color: Colors.purpleAccent,
          borderRadius: BorderRadius.only(
            bottomRight: Radius.elliptical(80, 80),
          ),
        ),
        child: Padding(
          padding: const EdgeInsets.only(top: 10.0),
          child: Image.asset("assets/logo.png"),
        ),
      ),
      SizedBox(
        height: 60,
      ),
      inputStyle("Username", "Enter your username"),
      SizedBox(
        height: 20,
      ),
      inputStyle("Password", "Enter your password"),
      SizedBox(
        height: 60,
      ),
      Container(
        height: 60,
        width: 200,
        decoration: BoxDecoration(
          color: Colors.pinkAccent,
          borderRadius: BorderRadius.circular(20),
        ),
        child: TextButton(
          onPressed: () {},
          child: Text(
            "Login",
            style: TextStyle(fontSize: 20, color:
Colors.white)
          ),
        ),
      ),
    ],
  );
}
```



```
        ),
      ),
      SizedBox(height: 10,
    ),
    RichText(
      text: TextSpan(
        children: [
          TextSpan(
            text: "Dont have an account? ",
            style: TextStyle(fontSize: 15, color:
Colors.black),
          ),
          TextSpan(
            text: "Register",
            style: TextStyle(fontSize: 15, color:
Colors.purpleAccent[700]),
            recognizer: TapGestureRecognizer()
              ..onTap=() {
                Navigator.of(context).pushNamed('/register');
              },
          ),
        ],
      ),
    ),
  ],
);
}
```

```
Widget inputStyle(String title, String hintText){
  return Padding(
    padding: const EdgeInsets.fromLTRB(40, 5, 20, 10),
    child: Row(
      children: [
        Text("$title :", style: TextStyle(fontSize: 20)),
        SizedBox(width: 10),
        Expanded(
          child: Container(
```



```
        decoration: BoxDecoration(
          color: Colors.white,
          borderRadius: BorderRadius.circular(20),
          boxShadow: [
            BoxShadow(
              color:
Colors.deepPurple.withOpacity(0.5),
              spreadRadius: 2,
              blurRadius: 5,
              offset: Offset(0, 3) )
          ],
          child: TextField(
            decoration: InputDecoration(
              border: InputBorder.none,
              contentPadding: EdgeInsets.only(left:
10),

              hintText: hintText
            ),
          ),
        ),
      ],
    ),
  );
}
```

#### 4. register.dart

```
import 'package:flutter/material.dart';
import 'package:flutter/src/foundation/key.dart';
import 'package:flutter/src/widgets/framework.dart';

import 'login.dart';

class Register extends StatefulWidget {
  const Register({Key? key}) : super(key: key);
```



```
@override
State<Register> createState() => _RegisterState();

static inputStyle(String s, String t) {}
}

class _RegisterState extends State<Register> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      body: content(),
    );
  }

  Widget content(){
    return Column(
      children: [
        Container(
          height: 300,
          width: double.infinity,
          decoration: BoxDecoration(
            color: Colors.purpleAccent,
            borderRadius: BorderRadius.only(
              bottomRight: Radius.elliptical(80, 80),
            ),
          ),
        ),
        child: Column(
          children: [
            Padding(
              padding: const EdgeInsets.only(top: 20.0),
              child: Image.asset(
                "assets/logo.png",
                height: 200,
                width: 200),
            ),
            Text(
              "Register",
              style: TextStyle(fontSize: 30),
            ),
          ],
        ),
      ],
    );
  }
}
```



```
        SizedBox(
          height: 40,
        ),
        inputStyle("Username", "faradishaldina"),
        inputStyle("Password", "10April2003."),
        inputStyle("Location", "Malang"),
        inputStyle("Telephone", "085816681351"),
        SizedBox(
          height: 30,
        ),
        Container(
          height: 60,
          width: 200,
          decoration: BoxDecoration(
            color: Colors.pinkAccent,
            borderRadius: BorderRadius.circular(20),
          ),
          child: TextButton(
            onPressed: () {},
            child: Text(
              "Register",
              style: TextStyle(fontSize: 20, color:
Colors.white)
            ),
          ),
        ),
        SizedBox(
          height: 30,
        ),
        Container(
          height: 60,
          width: 200,
          decoration: BoxDecoration(
            color: Colors.pinkAccent,
            borderRadius: BorderRadius.circular(20),
          ),
          child: TextButton(
            onPressed: () {
              Navigator.of(context).pop();
            },
            child: Text(
```





```

        "Back to Login",
        style: TextStyle(fontSize: 20, color:
Colors.white)
    ),
),
),
),
),
),
);
}
}

```