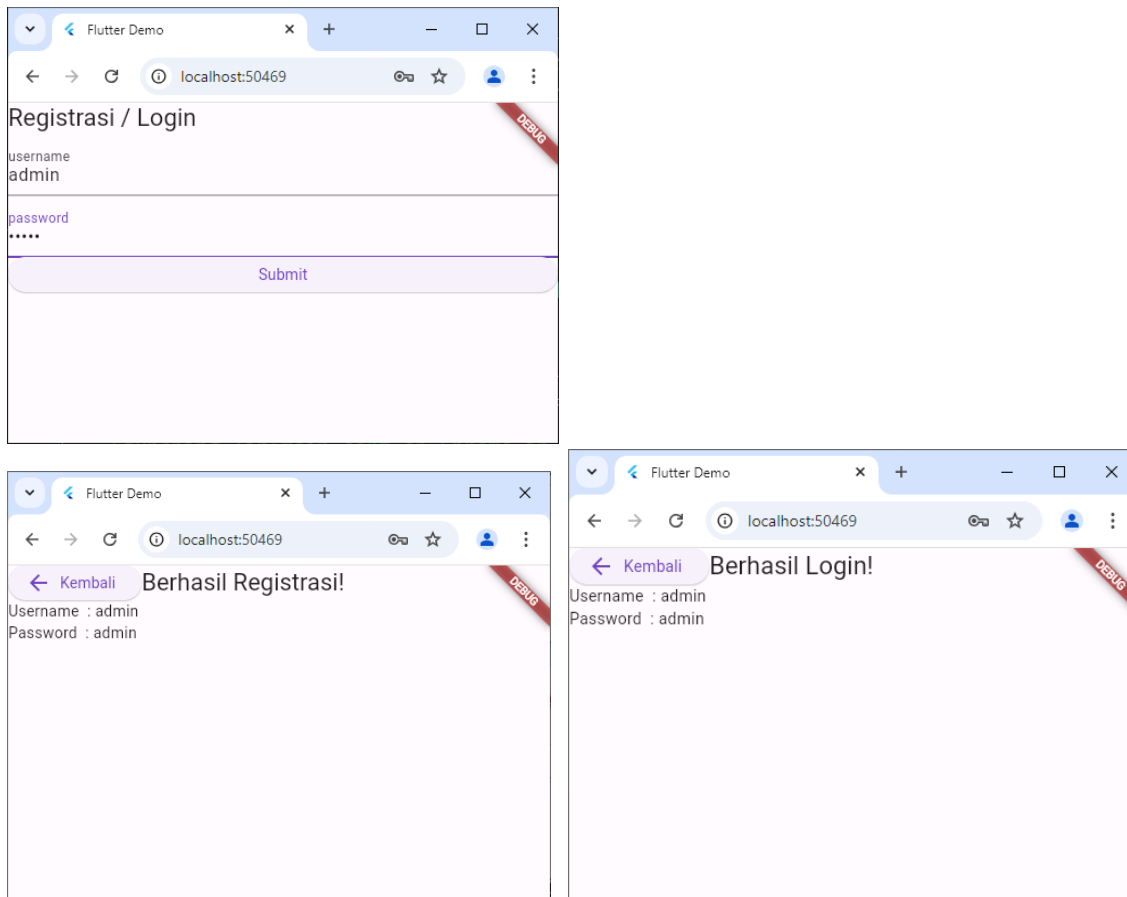


Latihan Login

Hasil Program:



Code Program:

- halaman_login.dart

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

```
class HalamanLogin extends StatelessWidget {  
  final String username, password;
```

```
  HalamanLogin({super.key, required this.username, required  
    this.password});
```

```
  @override
```

```
  Widget build(BuildContext context) => Scaffold(
```

```

        body: ListView(
children: [
  Row(children: [
    ElevatedButton.icon(
      onPressed: () {
        Navigator.of(context).pop();
      },
      icon: const Icon(Icons.arrow_back),
      label: const Text("Kembali"),
    ),
    Text(
      "Berhasil Login!",
      style: Theme.of(context).textTheme.titleLarge,
    ),
  ]),
  Text("Username : $username"),
  Text("Password : $password"),
],
));
}

```

- halaman_registrasi.dart

```

import 'package:flutter/material.dart';

class HalamanRegistrasi extends StatelessWidget {
  final String username, password;

  HalamanRegistrasi(
    {super.key, required this.username, required this.password});

  @override
  Widget build(BuildContext context) => Scaffold(
    body: ListView(
      children: [
        Row(children: [
          ElevatedButton.icon(
            onPressed: () {
              Navigator.of(context).pop();
            },

```

```

        },
        icon: const Icon(Icons.arrow_back),
        label: const Text("Kembali"),
      ),
      Text(
        "Berhasil Registrasi!",
        style: Theme.of(context).textTheme.titleLarge,
      ),
    ]),
    Text("Username : $username"),
    Text("Password : $password"),
  ],
));
}

```

- halaman_user.dart

```

import 'package:flutter/material.dart';
import 'package:shared_preferences/shared_preferences.dart';
import 'package:tugas_1/halaman_login.dart';
import 'package:tugas_1/halaman_registrasi.dart';

class HalamanUser extends StatelessWidget {
  final usernameController = TextEditingController(),
        passwordController = TextEditingController();

  HalamanUser({super.key});

  @override
  Widget build(BuildContext context) {
    void redirectLogin(String username, String password) {
      Navigator.of(context).push(MaterialPageRoute(
        builder: (context) =>
          HalamanLogin(username: username, password: password)));
    }

    void redirectRegistrasi(String username, String password) {
      Navigator.of(context).push(MaterialPageRoute(
        builder: (context) =>

```

```

        HalamanRegistrasi(username: username, password:
password)));
    }
    void submit() async {
        final spInstance = await SharedPreferences.getInstance();
        final spUsername = spInstance.get("username");
        final spPassword = spInstance.get("password");

        if (spUsername == usernameController.text &&
            spPassword == passwordController.text) {
            redirectLogin(usernameController.text,
passwordController.text);
        } else {
            spInstance.setString("username", usernameController.text);
            spInstance.setString("password", passwordController.text);
            redirectRegistrasi(usernameController.text,
passwordController.text);
        }
    }

    return Scaffold(
        body: ListView(children: [
            Text(
                "Registrasi / Login",
                style: Theme.of(context).textTheme.titleLarge,
            ),
            TextField(
                controller: usernameController,
                decoration: const InputDecoration(labelText: "username")),
            TextField(
                controller: passwordController,
                obscureText: true,
                decoration: const InputDecoration(labelText: "password"),
            ),
            ElevatedButton(onPressed: submit, child: const Text("Submit"))
        ]));
    }
}

```

- main.dart

```
import 'package:flutter/material.dart';
import 'package:tugas_1/halaman_user.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(
      title: 'Flutter Demo',
      theme: ThemeData(
        colorScheme: ColorScheme.fromSeed(seedColor:
Colors.deepPurple),
        useMaterial3: true,
      ),
      home: HalamanUser(),
    );
  }
}
```