Develop a mobile application for implementing login credentials with appropriate toast messages

Program:

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

void main() {
  runApp(const MyApp());
}

class MyApp extends StatelessWidget {
  const MyApp({super.key});

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: const LoginPage(),
    );
  }
}

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

  @override
  State<LoginPage> createState() => _LoginPageState();
}

class _LoginPageState extends State<LoginPage> {
```

```
final TextEditingController usernameController = TextEditingController();

final TextEditingController passwordController = TextEditingController();


void login() {

  String username = usernameController.text.trim();

  String password = passwordController.text.trim();


  bool isSuccess = username == "admin" && password == "1234";


  ScaffoldMessenger.of(context).showSnackBar(

    SnackBar(

      content: Text(

        isSuccess

          ? "Login Successful"

          : "Invalid Username or Password",

      ),

      backgroundColor: isSuccess ? Colors.green : Colors.red,

      duration: const Duration(seconds: 2),

    ),

  );

}


@override

Widget build(BuildContext context) {

  return Scaffold(

    appBar: AppBar(

      title: const Text("Login Page"),

      centerTitle: true,

    ),

    body: Padding(
```

```dart
          padding: const EdgeInsets.all(20),
          child: Column(
            mainAxisAlignment: MainAxisAlignment.center,
            children: [
              TextField(
                controller: usernameController,
                decoration: const InputDecoration(
                  labelText: "Username",
                  border: OutlineInputBorder(),
                ),
              ),
              const SizedBox(height: 15),
              TextField(
                controller: passwordController,
                obscureText: true,
                decoration: const InputDecoration(
                  labelText: "Password",
                  border: OutlineInputBorder(),
                ),
              ),
              const SizedBox(height: 20),
              SizedBox(
                width: double.infinity,
                height: 45,
                child: ElevatedButton(
                  onPressed: login,
                  child: const Text("Login"),
                ),
              ),
            ],
```

```
        ),
      ),
    );
  }
}
```

<u>Output:</u>