Practical-08

Title: - Create Flutter App for User Authentication.

Programs:

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


void main() => runApp(const MyApp());


class MyApp extends StatelessWidget {
  const MyApp({Key? key}) : super(key: key);


  static const String _title = 'LoginPage';


  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: _title,
      home: Scaffold(
        appBar: AppBar(title: const Text(_title)),
        body: const MyStatefulWidget(),
      ),
    );
  }
}


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

```
  @override
  State<MyStatefulWidget> createState() => _MyStatefulWidgetState();
}


class _MyStatefulWidgetState extends State<MyStatefulWidget> {
  TextEditingController nameController = TextEditingController();
  TextEditingController passwordController = TextEditingController();


  @override
  Widget build(BuildContext context) {
   return Padding(
      padding: const EdgeInsets.all(10),
      child: ListView(
       children: <Widget>[
         Container(
            alignment: Alignment.center,
            padding: const EdgeInsets.all(10),
            child: const Text(
              'Nirmala College',
              style: TextStyle(
                color: Colors.blue,
                fontWeight: FontWeight.w500,
                fontSize: 30),
            )),
          Container(
            alignment: Alignment.center,
            padding: const EdgeInsets.all(10),
```

```
      child: const Text(

        'Sign in',

        style: TextStyle(fontSize: 20),

      )),

  Container(

    padding: const EdgeInsets.all(10),

    child: TextField(

      controller: nameController,

      decoration: const InputDecoration(

        border: OutlineInputBorder(),

        labelText: 'User Name',

      ),

    ),

  ),

  Container(

    padding: const EdgeInsets.fromLTRB(10, 10, 10, 0),

    child: TextField(

      obscureText: true,

      controller: passwordController,

      decoration: const InputDecoration(

        border: OutlineInputBorder(),

        labelText: 'Password',

      ),

    ),

  ),

  TextButton(

    onPressed: () {
```

```
        //forgot password screen
      },
      child: const Text('Forgot Password',),
    ),
    Container(
      height: 50,
      padding: const EdgeInsets.fromLTRB(10, 0, 10, 0),
      child: ElevatedButton(
        child: const Text('Login'),
        onPressed: () {
          print(nameController.text);
          print(passwordController.text);
        },
      )
    ),
    Row(
      children: <Widget>[
        const Text('Does not have account?'),
        TextButton(
          child: const Text(
            'Sign in',
            style: TextStyle(fontSize: 20),
          ),
          onPressed: () {
            //signup screen
          },
        )
```
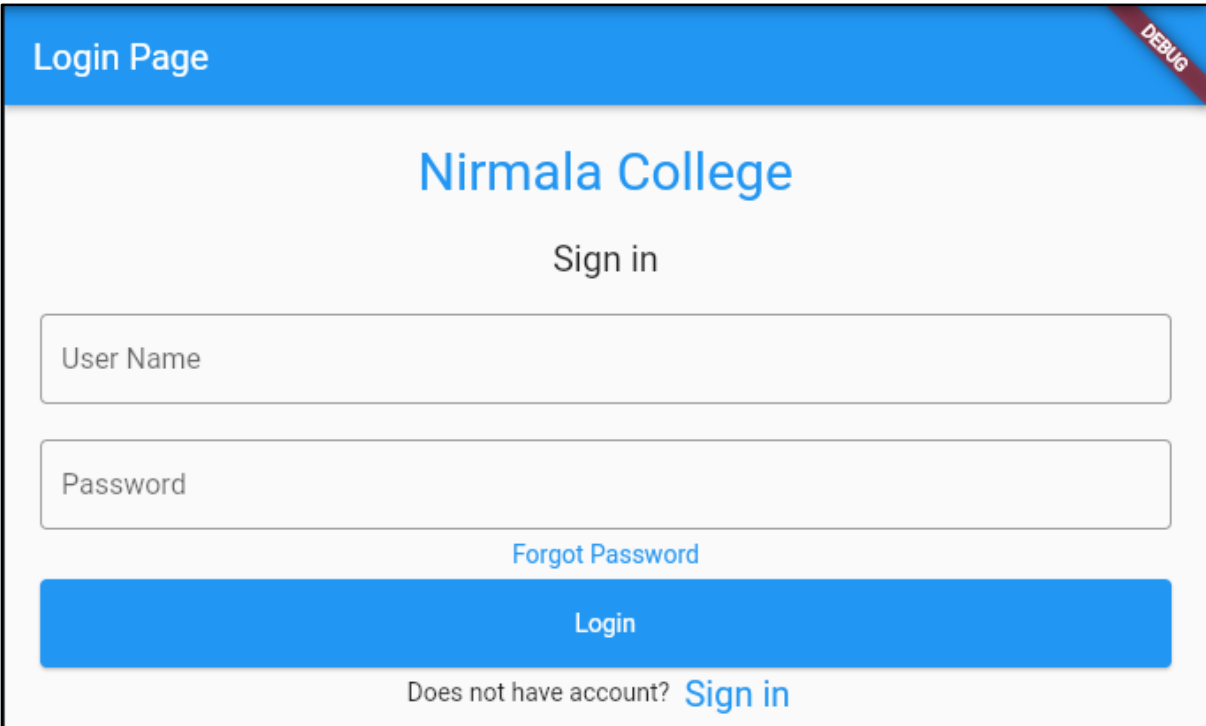
```
        ],

        mainAxisAlignment: MainAxisAlignment.center,

      ),

    ],

  ));

 }

}
```

Output:

Conclusion: