

**Name:Sujal.S.Tekwani**

**Class:D15B**

**Roll No:59**

## **MAD LAB-2**

**Aim:** To design flutter UI using common widgets

**Code :**

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

```
class LoginScreen extends StatefulWidget {
```

```
  @override
```

```
  _LoginScreenState createState() => _LoginScreenState();
```

```
}
```

```
class _LoginScreenState extends State<LoginScreen> {
```

```
  final TextEditingController emailController = TextEditingController();
```

```
  final TextEditingController passwordController = TextEditingController();
```

```
  @override
```

```
  Widget build(BuildContext context) {
```

```
    return Scaffold(
```

```
      backgroundColor: Colors.black, // Dark background
```

```
      body: Center(
```

```
        child: Padding(
```

```
          padding: EdgeInsets.symmetric(horizontal: 20),
```

```
          child: Column(
```

```
            mainAxisAlignment: MainAxisAlignment.min,
```

```
            children: [
```

```
              Text(
```

```
                "Login",
```

```
                style: TextStyle(
```

```
                  fontSize: 32,
```

```
                  fontWeight: FontWeight.bold,
```

```
        color: Colors.limeAccent,
      ),
    ),
    SizedBox(height: 20),
    _buildTextField(
      controller: emailController,
      label: "Email",
      icon: Icons.email_outlined,
    ),
    SizedBox(height: 15),
    _buildTextField(
      controller: passwordController,
      label: "Password",
      icon: Icons.lock_outline,
      isPassword: true,
    ),
    SizedBox(height: 10),
    Align(
      alignment: Alignment.centerRight,
      child: TextButton(
        onPressed: () {},
        child: Text(
          "Forget Password",
          style: TextStyle(color: Colors.limeAccent),
        ),
      ),
    ),
    SizedBox(height: 10),
    ElevatedButton(
      onPressed: () {},
      style: ElevatedButton.styleFrom(
        backgroundColor: Colors.black,
```

```
padding: EdgeInsets.symmetric(vertical: 14, horizontal: 100),
shape: RoundedRectangleBorder(
  borderRadius: BorderRadius.circular(8),
),
),
child: Text(
  "Login",
  style: TextStyle(color: Colors.limeAccent),
),
),
 SizedBox(height: 20),
  TextButton(
    onPressed: () {},
    child: Text.rich(
      TextSpan(
        text: "Create a New Account ? ",
        style: TextStyle(color: Colors.limeAccent),
        children: [
          TextSpan(
            text: "Sign Up",
            style: TextStyle(
              fontWeight: FontWeight.bold,
              color: Colors.limeAccent,
            ),
          ),
        ],
      ),
    ),
  ),
],
),
),
```

```
    ),  
  );  
}
```

```
Widget _buildTextField({  
  required TextEditingController controller,  
  required String label,  
  required IconData icon,  
  bool isPassword = false,  
}) {  
  return TextField(  
    controller: controller,  
    obscureText: isPassword,  
    decoration: InputDecoration(  
      filled: true,  
      fillColor: Colors.limeAccent,  
      prefixIcon: Icon(icon, color: Colors.black),  
      labelText: label,  
      labelStyle: TextStyle(color: Colors.black),  
      border: OutlineInputBorder(  
        borderRadius: BorderRadius.circular(12),  
        borderSide: BorderSide.none,  
      ),  
    ),  
  ),  
);  
}
```

**Output:**

