import 'package:flutter/material.dart';  
  
import 'package:firebase\_auth/firebase\_auth.dart';  
  
void main(){  
 runApp(Login());  
}  
  
class Login extends StatefulWidget {  
  
 @override  
 State<Login> createState() => \_LoginState();  
}  
  
class \_LoginState extends State<Login> {  
 final \_myKey = GlobalKey <FormState>();  
 late String email;  
 late String password;  
 @override  
 Widget build(BuildContext context) {  
 return MaterialApp(  
 home: Scaffold(  
 appBar: AppBar(  
 title: Text("Login Page"),  
 ),  
 body: Form(  
 key: \_myKey,  
 child: Column(  
 children: [  
 TextFormField(  
 decoration: InputDecoration(  
 icon: Icon(Icons.*person*),  
 labelText: "Name:",  
 labelStyle: TextStyle(fontSize: 25),  
 hintText: 'Type a name',  
 ),  
 ),  
 SizedBox(  
 height: 20,  
 ),  
 TextField(  
 onChanged: (value){  
 email =value;  
 },  
 decoration: InputDecoration(  
 icon: Icon(Icons.*email*),  
 labelText: "Email:",  
 labelStyle: TextStyle(fontSize: 25),  
 hintText: 'Type a e-mail',  
 ),  
 ),  
 SizedBox(  
 height: 20,  
 ),  
 TextFormField(  
 onChanged: (value){  
 password =value;  
 },  
 obscureText: true,  
 decoration: InputDecoration(  
 icon: Icon(Icons.*password*),  
 labelText: "Password:",  
 labelStyle: TextStyle(fontSize: 25),  
 hintText: 'Type a correct password',  
 ),  
 ),  
 SizedBox(  
 height: 20,  
 ),  
 ElevatedButton(onPressed: () async {  
 try {  
 final credential = await FirebaseAuth.*instance*.signInWithEmailAndPassword(  
 email: email,  
 password: password  
 );  
 } on FirebaseAuthException catch (e) {  
 if (e.code == 'user-not-found') {  
 print('No user found for that email.');  
 } else if (e.code == 'wrong-password') {  
 print('Wrong password provided for that user.');  
 }  
 }  
 if(\_myKey.currentState!.validate()){  
 setState(() {  
 });  
 Navigator.*push*(context, MaterialPageRoute(  
 builder: (context) => Login()  
 ),  
 );  
 }  
 }, child: Text("Submit")  
 ),  
 ],  
 ),  
 ),  
 ),  
 );  
 }  
}