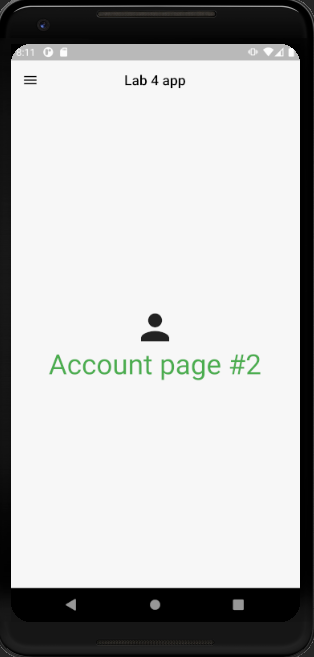
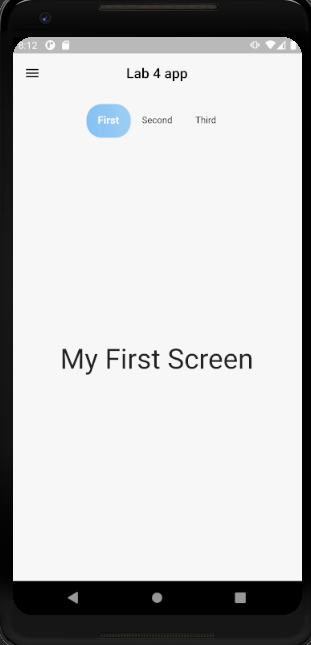
# Output



# Source Code

## Main.dart

import 'package:flutter/material.dart';  
import 'package:ramis\_lab2/widgets/navbar.dart';  
import 'package:splashscreen/splashscreen.dart';  
import 'package:ramis\_lab2/widgets/myAppBar.dart';  
import 'package:ramis\_lab2/widgets/myDrawer.dart';  
  
String accountName;  
  
void main() {runApp(MyApp());}  
  
class MyApp extends StatelessWidget {  
 // This widget is the root of your application.  
 @override  
 Widget build(BuildContext context) {  
 return MaterialApp(  
 debugShowCheckedModeBanner: false,  
 title: 'Lab 4',  
 home: Splash()  
 );  
 }  
}  
  
class Splash extends StatelessWidget {  
 @override  
 Widget build(BuildContext context) {  
 return SplashScreen(  
 seconds: 5,  
 backgroundColor: Colors.*white*,  
 image: Image.asset('files/flutter-logo.png'),  
 loaderColor: Colors.*blue*,  
 photoSize: 150,  
 navigateAfterSeconds: Login(),  
 );  
 }  
}  
  
class Login extends StatefulWidget {  
 @override  
 \_LoginState createState() => \_LoginState();  
}  
  
class \_LoginState extends State<Login> {  
 final emailController = TextEditingController();  
 final passwordController = TextEditingController();  
 bool passwordHide = true;  
 bool rememberMe = true;  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 body: SafeArea(  
 child: SingleChildScrollView(  
 child: Padding(  
 padding: EdgeInsets.only(left: 40,right: 40, top: MediaQuery.*of*(context).size.height/6),  
 child: Column(  
 mainAxisAlignment: MainAxisAlignment.center,  
 children: [  
 Image.asset("files/flutter-logo.png"),  
 SizedBox(height: 10,),  
 TextFormField(  
 decoration: InputDecoration(  
 prefixIcon: Icon(Icons.*email\_outlined*, color: Colors.*grey*,),  
 labelText: " Email ",  
 border: UnderlineInputBorder()  
 ),  
 controller: emailController,  
 onChanged: (newVal){accountName = newVal;},  
 ),  
 SizedBox(height: 10,),  
 TextFormField(  
 obscureText: passwordHide,  
 decoration: InputDecoration(  
 prefixIcon: Icon(Icons.*lock*),  
 labelText: ' Password ',  
 suffix: IconButton(icon: Icon(passwordHide ? Icons.*remove\_red\_eye* : Icons.*remove\_red\_eye\_outlined*), onPressed: (){setState(() {passwordHide = !passwordHide;});},),  
 border: UnderlineInputBorder()  
 ),  
 controller: passwordController,  
 ),  
 Row(  
 mainAxisAlignment: MainAxisAlignment.spaceBetween,  
 children: [  
 Container(width: 200, child: CheckboxListTile(controlAffinity: ListTileControlAffinity.leading, value: rememberMe, onChanged: (value){setState(() {rememberMe = value;});}, title: Align(alignment: Alignment(-4,0),child: Text("Remember me")),)),  
 FlatButton(child: Text("Forgot Password", style: TextStyle(fontSize: 12),), textColor: Colors.*blue*, disabledTextColor: Colors.*blue*,)  
 ],  
 ),  
 SizedBox(height: 25,),  
 RaisedButton(  
 shape: StadiumBorder(),  
 elevation: 1,  
 color: Colors.*blue*,  
 padding: EdgeInsets.symmetric(horizontal: 80, vertical: 15),  
 textColor: Colors.*white*,  
 child: Text("Login"),  
 onPressed: (){  
 showDialog(  
 context: context,  
 barrierDismissible: false,  
 builder: (ctx){  
 return AlertDialog(  
 title: Text("Your username is ${emailController.text}"),  
 content: Text("Your password is ${passwordController.text}"),  
 actions: [FlatButton(  
 onPressed: (){  
 Navigator.*of*(context).pop();  
 Navigator.*of*(context).pushReplacement(MaterialPageRoute(builder: (context) => HomeScreen(Icons.*home*)));},  
 child: Text("Continue", style: TextStyle(fontWeight: FontWeight.*bold*, color: Colors.*blue*,),),  
 )],  
 );  
 }  
 );  
 },  
 )  
 ],  
 ),  
 ),  
 ),  
 ),  
 );  
 }  
}  
  
class HomeScreen extends StatelessWidget {  
 IconData screenIcon;  
 HomeScreen(this.screenIcon);  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 appBar: myAppBar(),  
 drawer: myDrawer(accountName),  
 bottomNavigationBar: myNavBar(0),  
 body: Center(  
 child: Column(  
 mainAxisAlignment: MainAxisAlignment.center,  
 children: [  
 Icon(screenIcon, size: 60,),  
 Text("Home page #1 (tab 1)", style: TextStyle(color: Colors.*blue*, fontSize: 40),),  
 ],  
 ),  
 ),  
 );  
 }  
}  
  
class AccountScreen extends StatelessWidget {  
 IconData screenIcon;  
 AccountScreen(this.screenIcon);  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 appBar: myAppBar(),  
 drawer: myDrawer(accountName),  
 body: Center(  
 child: Column(  
 mainAxisAlignment: MainAxisAlignment.center,  
 children: [  
 Icon(screenIcon, size: 60,),  
 Text("Account page #2", style: TextStyle(color: Colors.*green*, fontSize: 40),),  
 ],  
 ),  
 ),  
 );  
 }  
}  
  
class FeedScreen extends StatelessWidget {  
 IconData screenIcon;  
 FeedScreen(this.screenIcon);  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 appBar: myAppBar(),  
 drawer: myDrawer(accountName),  
 body: Center(  
 child: Column(  
 mainAxisAlignment: MainAxisAlignment.center,  
 children: [  
 Icon(screenIcon, size: 60,),  
 Text("News Feed #3", style: TextStyle(color: Colors.*orange*, fontSize: 40),),  
 ],  
 ),  
 ),  
 );  
 }  
}  
  
class HelpScreen extends StatelessWidget {  
 IconData screenIcon;  
 HelpScreen(this.screenIcon);  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 appBar: myAppBar(),  
 drawer: myDrawer(accountName),  
 body: Center(  
 child: Column(  
 mainAxisAlignment: MainAxisAlignment.center,  
 children: [  
 Icon(screenIcon, size: 60,),  
 Text("Help Screen #4", style: TextStyle(color: Colors.*teal*, fontSize: 40),),  
 ],  
 ),  
 ),  
 );  
 }  
}  
  
class FeedbackScreen extends StatelessWidget {  
 IconData screenIcon;  
 FeedbackScreen(this.screenIcon);  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 appBar: myAppBar(),  
 drawer: myDrawer(accountName),  
 body: Center(  
 child: Column(  
 mainAxisAlignment: MainAxisAlignment.center,  
 children: [  
 Icon(screenIcon, size: 60,),  
 Text("Feedback screen #5", style: TextStyle(color: Colors.*red*, fontSize: 40),),  
 ],  
 ),  
 ),  
 );  
 }  
}  
  
class TabsScreen extends StatefulWidget{  
  
 @override  
 \_TabsScreenState createState() => \_TabsScreenState();  
}  
  
class \_TabsScreenState extends State<TabsScreen> with TickerProviderStateMixin{  
 TabController tabcontroller;  
  
 Widget tabBar(BuildContext context) {  
 this.tabcontroller = TabController(length: 3, initialIndex: 0, vsync: this);  
 return TabBar(  
 isScrollable: true,  
 unselectedLabelColor: Colors.*black*,  
 labelColor: Colors.*white*,  
 labelStyle: TextStyle(fontWeight: FontWeight.*bold*, fontSize: 15),  
 unselectedLabelStyle: TextStyle(  
 fontWeight: FontWeight.*normal*, fontSize: 13),  
 indicatorSize: TabBarIndicatorSize.tab,  
 controller: tabcontroller,  
 indicator: BoxDecoration(  
 gradient: LinearGradient(  
 colors: [Theme  
 .*of*(context)  
 .primaryColor  
 .withOpacity(0.9), Theme  
 .*of*(context)  
 .primaryColor  
 .withOpacity(0.7)  
 ]),  
 borderRadius: BorderRadius.circular(22),  
 color: Theme  
 .*of*(context)  
 .hintColor),  
 tabs: [  
 Tab(child: Text("First")),  
 Tab(child: Text("Second")),  
 Tab(child: Text("Third"))  
 ],  
 );  
 }  
   
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 drawer: myDrawer(accountName),  
 appBar: PreferredSize(  
 preferredSize: Size.fromHeight(120),  
 child: AppBar(  
 centerTitle: true,  
 title: Text("Lab 4 app", style: TextStyle(color: Colors.*black*),),  
 iconTheme: IconThemeData(color: Colors.*black*),  
 elevation: 0,  
 backgroundColor: Colors.*transparent*,  
 bottom: tabBar(context)  
 ),  
 ),  
 body: TabBarView(  
 controller: tabcontroller,  
 children: [  
 Center(child: Text("My First Screen", style: TextStyle(fontSize: 40),)),  
 Center(child: Text("My Second Screen", style: TextStyle(fontSize: 40),)),  
 Center(child: Text("My Third Screen", style: TextStyle(fontSize: 40),)),  
 ],  
 ),  
 );  
 }  
}

## myappbar.dart

import 'package:flutter/material.dart';  
  
Widget myAppBar(){  
 return AppBar(  
 centerTitle: true,  
 title: Text("Lab 4 app", style: TextStyle(color: Colors.*black*),),  
 elevation: 0,  
 backgroundColor: Colors.*transparent*,  
 iconTheme: IconThemeData(color: Colors.*black*),  
 );  
}

## mydrawer.dart

import 'package:flutter/material.dart';  
import 'package:ramis\_lab2/main.dart';  
  
class myDrawer extends StatelessWidget {  
 String accountUsername;  
 myDrawer(this.accountUsername);  
  
 @override  
 Widget build(BuildContext context) {  
 return Drawer(  
 child: Column(  
 children: [  
 UserAccountsDrawerHeader(  
 decoration: BoxDecoration(  
 color: Colors.*green*,  
 ),  
 accountName: Text("new user"),  
 accountEmail: Text(accountUsername),  
 currentAccountPicture: CircleAvatar(backgroundImage: AssetImage("files/flutter-logo.png",)),  
 ),  
 ListTile(  
 leading: Icon(Icons.*home*,size: 30,),  
 title: Text("Home (+Task #3)"),  
 onTap: (){Navigator.*of*(context).pushReplacement(MaterialPageRoute(builder: (context) => HomeScreen(Icons.*home*)));},  
 ),  
 ListTile(  
 leading: Icon(Icons.*person*, size: 30,),  
 title: Text("Account"),  
 onTap: (){Navigator.*of*(context).pushReplacement(MaterialPageRoute(builder: (context) => AccountScreen(Icons.*person*)));},  
 ),  
 ListTile(  
 leading: Icon(Icons.*post\_add*, size: 30,),  
 title: Text("News Feed"),  
 onTap: (){Navigator.*of*(context).pushReplacement(MaterialPageRoute(builder: (context) => FeedScreen(Icons.*post\_add*)));},  
 ),  
 ListTile(  
 leading: Icon(Icons.*help*, size: 30,),  
 title: Text("Help"),  
 onTap: (){Navigator.*of*(context).pushReplacement(MaterialPageRoute(builder: (context) => HelpScreen(Icons.*help*)));},  
 ),  
 ListTile(  
 leading: Icon(Icons.*feedback*, size: 30,),  
 title: Text("Feedback"),  
 onTap: (){Navigator.*of*(context).pushReplacement(MaterialPageRoute(builder: (context) => FeedbackScreen(Icons.*feedback*)));},  
 ),  
 ListTile(  
 leading: Icon(Icons.*tab*, size: 30),  
 title: Text("Task #2 (tabviews)"),  
 onTap: (){Navigator.*of*(context).pushReplacement(MaterialPageRoute(builder: (context) => TabsScreen()));},  
 )  
 ],  
 ),  
 );  
 }  
}

## navbar.dart

import 'package:flutter/material.dart';  
import 'package:ramis\_lab2/main.dart';  
  
import 'myAppBar.dart';  
import 'myDrawer.dart';  
  
class HomeScreen2 extends StatelessWidget {  
 IconData screenIcon;  
 HomeScreen2(this.screenIcon);  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 appBar: myAppBar(),  
 bottomNavigationBar: myNavBar(1),  
 drawer: myDrawer(accountName),  
 body: Center(  
 child: Column(  
 mainAxisAlignment: MainAxisAlignment.center,  
 children: [  
 Icon(screenIcon, size: 60,),  
 Text("Home page #1 (tab 2)", style: TextStyle(color: Colors.*blue*, fontSize: 40),),  
 ],  
 ),  
 ),  
 );  
 }  
}  
  
class HomeScreen3 extends StatelessWidget {  
 IconData screenIcon;  
 HomeScreen3(this.screenIcon);  
  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 appBar: myAppBar(),  
 bottomNavigationBar: myNavBar(2),  
 drawer: myDrawer(accountName),  
 body: Center(  
 child: Column(  
 mainAxisAlignment: MainAxisAlignment.center,  
 children: [  
 Icon(screenIcon, size: 60,),  
 Text("Home page #1 (tab 3)", style: TextStyle(color: Colors.*blue*, fontSize: 40),),  
 ],  
 ),  
 ),  
 );  
 }  
}  
  
class myNavBar extends StatefulWidget {  
 int index;  
 myNavBar(this.index);  
  
 @override  
 \_myNavBarState createState() => \_myNavBarState();  
}  
  
class \_myNavBarState extends State<myNavBar> {  
 int \_selectedIndex;  
  
 @override  
 void initState(){  
 this.\_selectedIndex = widget.index;  
 super.initState();  
 }  
  
 Map<int, Widget> routes = {  
 0: HomeScreen(Icons.*home*),  
 1: HomeScreen2(Icons.*home*),  
 2: HomeScreen3(Icons.*home*),  
 };  
  
 void \_onItemTapped(int index) {  
 setState(() {  
 \_selectedIndex = index;  
 if (routes[index] != null) {  
 Navigator.*pushReplacement*(  
 context,  
 MaterialPageRoute(builder: (context) => routes[index])  
 );  
 }  
 });  
 }  
  
 @override  
 Widget build(BuildContext context) {  
 return BottomNavigationBar(  
 fixedColor: Theme.*of*(context).primaryColor,  
 type: BottomNavigationBarType.fixed,  
 elevation: 6,  
 showSelectedLabels: true,  
 unselectedItemColor: Colors.*grey*,  
 showUnselectedLabels: true,  
 selectedLabelStyle: TextStyle(fontSize: 14, color: Theme.*of*(context).primaryColor),  
 unselectedLabelStyle: TextStyle(fontSize: 12, color: Colors.*grey*),  
 items: <BottomNavigationBarItem>[  
 BottomNavigationBarItem(  
 icon: Icon(Icons.*home*,),  
 label: 'Home Tab 1',  
 ),  
 BottomNavigationBarItem(  
 icon: Icon(Icons.*home*),  
 label: 'Home Tab 2',  
 ),  
 BottomNavigationBarItem(  
 icon: Icon(Icons.*home*),  
 label: 'Home Tab 3',  
 ),  
 ],  
 currentIndex: \_selectedIndex,  
 onTap: \_onItemTapped,  
 );  
 }  
}