EXPERIMENT NO: 02

Aim :To design Flutter UI by including common widgets.

Theory :

We can split the Flutter widget into two categories:

Visible (Output and Input)

Invisible (Layout and Control)

Visible widget

The visible widgets are related to the user input and output data. Some of the important types of this widget are:

1. Text

A Text widget holds some text to display on the screen. We can align the text widget by using textAlign property, and style property allow the customization of Text that includes font, font weight, font style, letter spacing, color, and many more. We can use it as like below code snippets.

new Text(

'Hello, ALL!',

textAlign: TextAlign.center,

style: new TextStyle(fontWeight: FontWeight.bold),

)

2. Button

This widget allows you to perform some action on click. Flutter does not allow you to use the Button widget directly; instead, it uses a type of buttons like a FlatButton and a RaisedButton. We can use it as like below code snippets

```dart
//FlatButton Example

new FlatButton(

 child: Text("Click here"),

 onPressed: () {

 // Do something here
 },

),


//RaisedButton Example

new RaisedButton(

 child: Text("Click here"),

 elevation: 5.0,

 onPressed: () {

 // Do something here

 },
```

CODE:

```dart
import 'package:flutter/material.dart';
import 'package:myntra/foundation/profile_item/profile_item.dart';
import 'package:myntra/foundation/theme/colors.dart';

class ProfileWithoutLogin extends StatelessWidget {
 const ProfileWithoutLogin({Key? key}) : super(key: key);
 final double topContainerheight = 190;
@override
Widget build(BuildContext context){
 return Column(
  children: [
   Container(
    height: topContainerheight,
    child: Column(
     children: [
      Container(
       height: topContainerheight* .58,
       color: AppColor.dummyBGColor,
      ),
      Container(
       height: topContainerheight* .42,
       color: AppColor.whiteColor,
      ),

     ],
    ),
   ),
   const SizedBox(
    height: 15,
   ),
   Container(
    color:AppColor.whiteColor,
    child: Column(
     children: const [
      ProfileItem(
       title: "Orders",
       subtitle: "Check your order status",
       assetName: "orders.png",
       isLast: false,
      ),
      ProfileItem(
       title: "HelpCenter",
       subtitle: "Help regarding your recent purchase",
```

```dart
              assetName: "help-desk.png",
              isLast: false,
            ),
            ProfileItem(
              title: "Wishlist",
              subtitle: "Your most loved style",
              assetName: "wishlist.png",
              isLast: false,
            ),

          ],
        )),
      const SizedBox(
        height: 15,
      ),
      Container(
          color:AppColor.whiteColor,
          child: Column(
            children: const [
              ProfileItem(
                assetName: "qr.png",
                title: "Scan for coupon",
                isLast: false,
              ),
              ProfileItem(
                title: "Refer & Earn",
                assetName: "refer.png",
                isLast: false,
              ),
            ],
          )),
    ],
  );
}
```
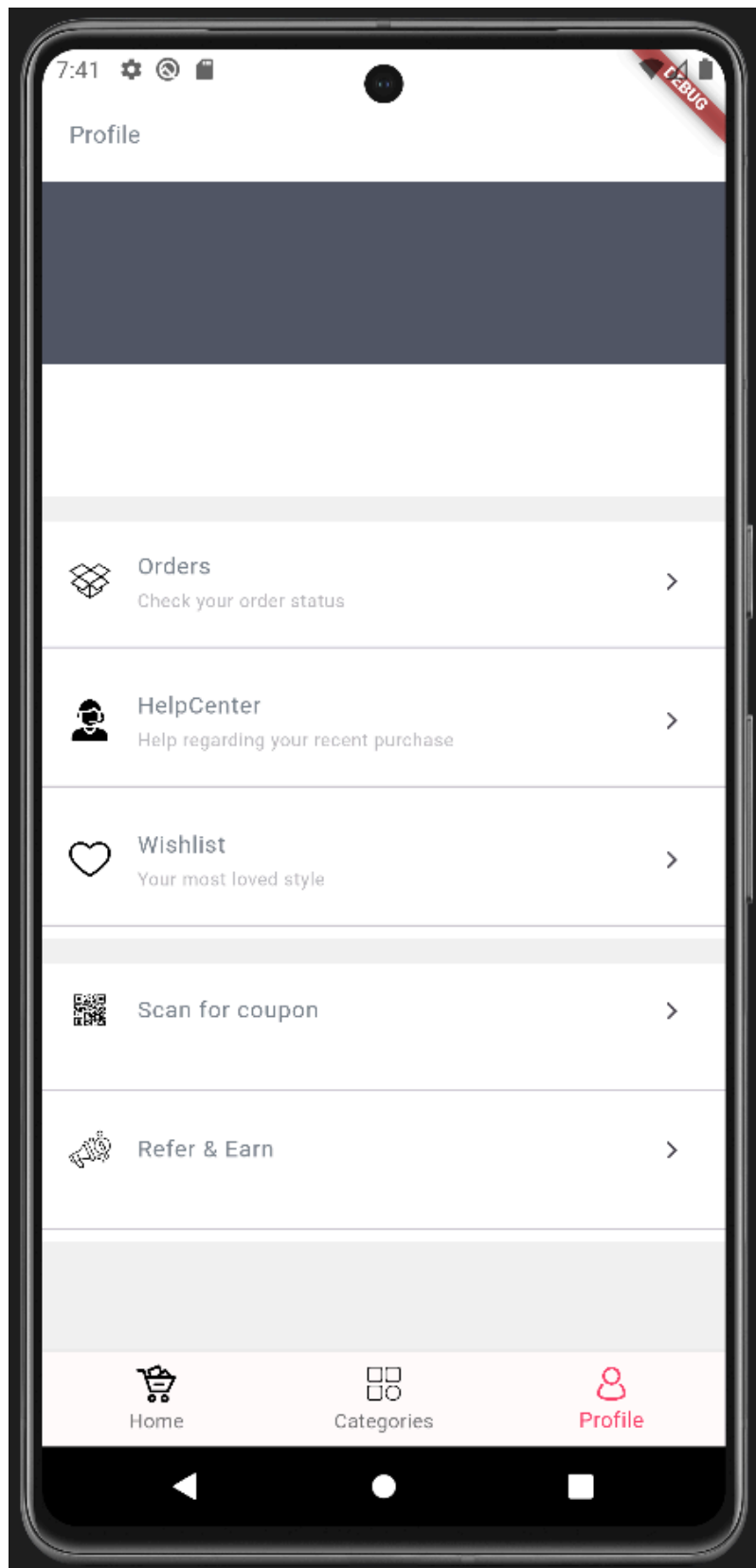
OUTPUT:

Conclusion: From the above experiment, the widgets and syntax in flutter has been understood.