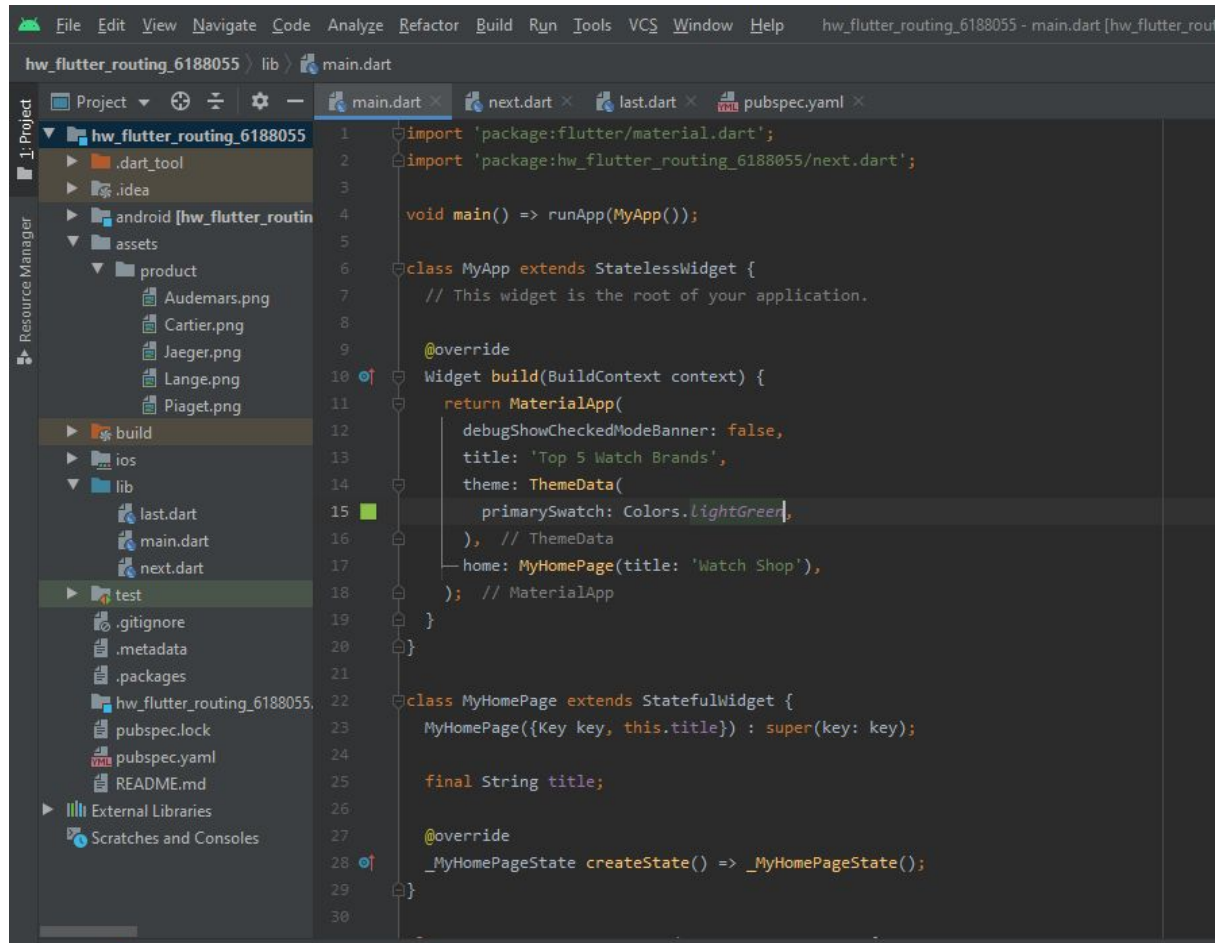


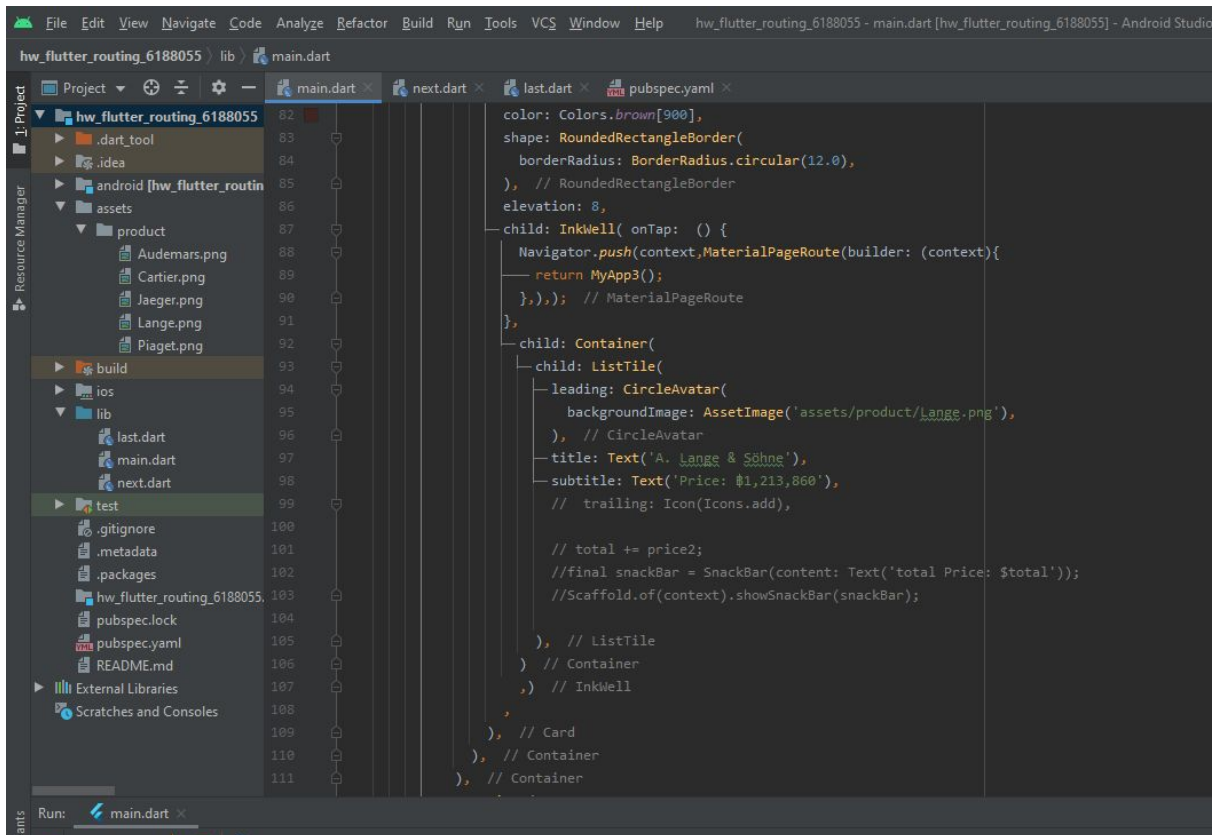
Homework on Flutter Routing

main.dart source code



```
1 import 'package:flutter/material.dart';
2 import 'package:hw_flutter_routing_6188055/next.dart';
3
4 void main() => runApp(MyApp());
5
6 class MyApp extends StatelessWidget {
7   // This widget is the root of your application.
8
9   @override
10  Widget build(BuildContext context) {
11    return MaterialApp(
12      debugShowCheckedModeBanner: false,
13      title: 'Top 5 Watch Brands',
14      theme: ThemeData(
15        primarySwatch: Colors.lightGreen,
16      ), // ThemeData
17      home: MyHomePage(title: 'Watch Shop'),
18    ); // MaterialApp
19  }
20 }
21
22 class MyHomePage extends StatefulWidget {
23   MyHomePage({Key key, this.title}) : super(key: key);
24
25   final String title;
26
27   @override
28   _MyHomePageState createState() => _MyHomePageState();
29 }
30
```

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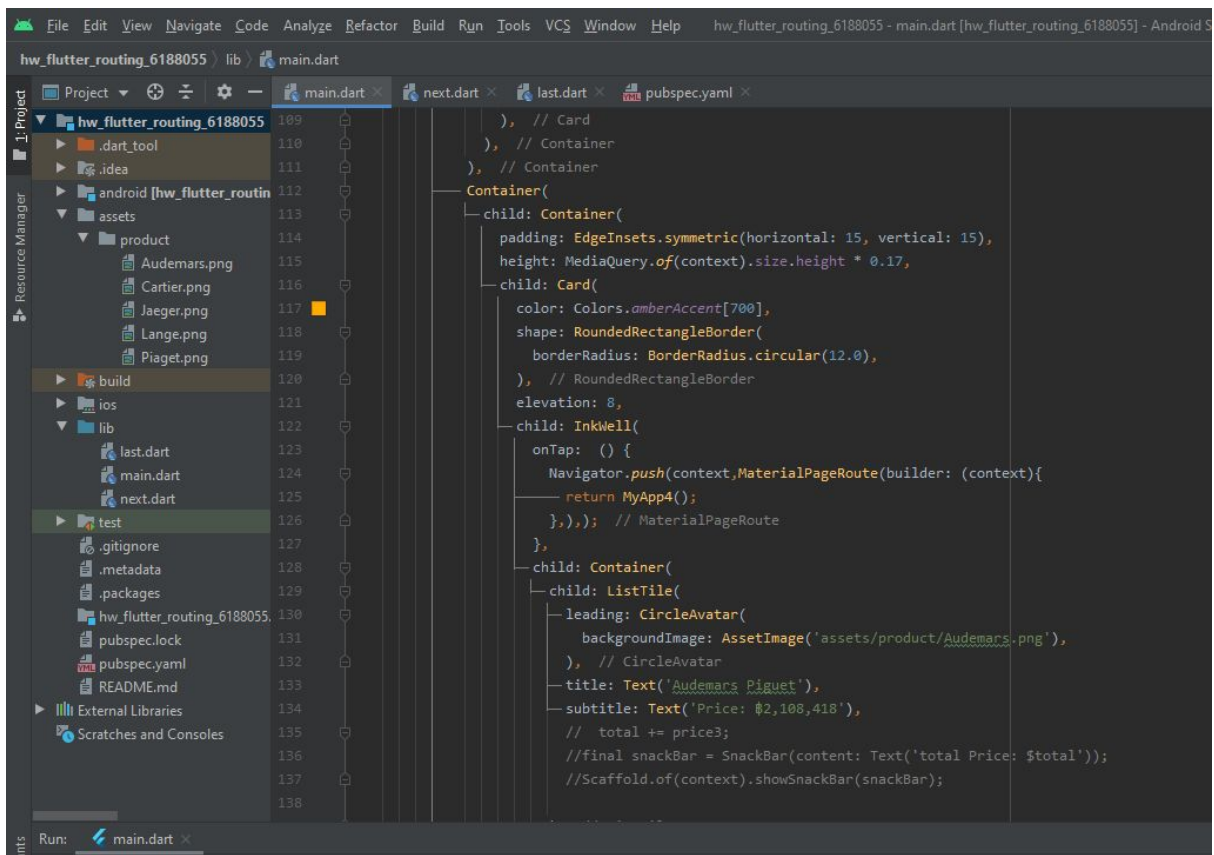


The screenshot shows an IDE window for a Flutter project named 'hw_flutter_routing_6188055'. The left sidebar displays the project structure, including folders for 'assets', 'build', 'ios', 'lib', and 'test'. The 'lib' folder is expanded, showing 'main.dart', 'next.dart', and 'last.dart'. The 'main.dart' file is open in the editor, showing a Card widget. The Card has a RoundedRectangleBorder with a circular border radius of 12.0, an elevation of 8, and an InkWell child. The InkWell's onTap handler calls Navigator.push(context, MaterialPageRoute(builder: (context) { return MyApp3(); }));. The Card's child is a Container containing a ListTile. The ListTile has a CircleAvatar with a background image of 'assets/product/Lange.png', a title 'A. Lange & Söhne', and a subtitle 'Price: \$1,213,860'. The ListTile also has a trailing icon from Icons.add. Below the ListTile, there is a comment '// total += price2;' and a final snackbar message 'total Price: \$total'.

```
color: Colors.brown[900],
shape: RoundedRectangleBorder(
  borderRadius: BorderRadius.circular(12.0),
), // RoundedRectangleBorder
elevation: 8,
child: InkWell( onTap: () {
  Navigator.push(context, MaterialPageRoute(builder: (context){
    return MyApp3();
  })); // MaterialPageRoute
},
child: Container(
  child: ListTile(
    leading: CircleAvatar(
      backgroundImage: AssetImage('assets/product/Lange.png'),
    ), // CircleAvatar
    title: Text('A. Lange & Söhne'),
    subtitle: Text('Price: $1,213,860'),
    // trailing: Icon(Icons.add),

    // total += price2;
    //final snackbar = SnackBar(content: Text('total Price: $total'));
    //Scaffold.of(context).showSnackBar(snackBar);

  ), // ListTile
) // Container
), // InkWell
), // Card
), // Container
), // Container
```

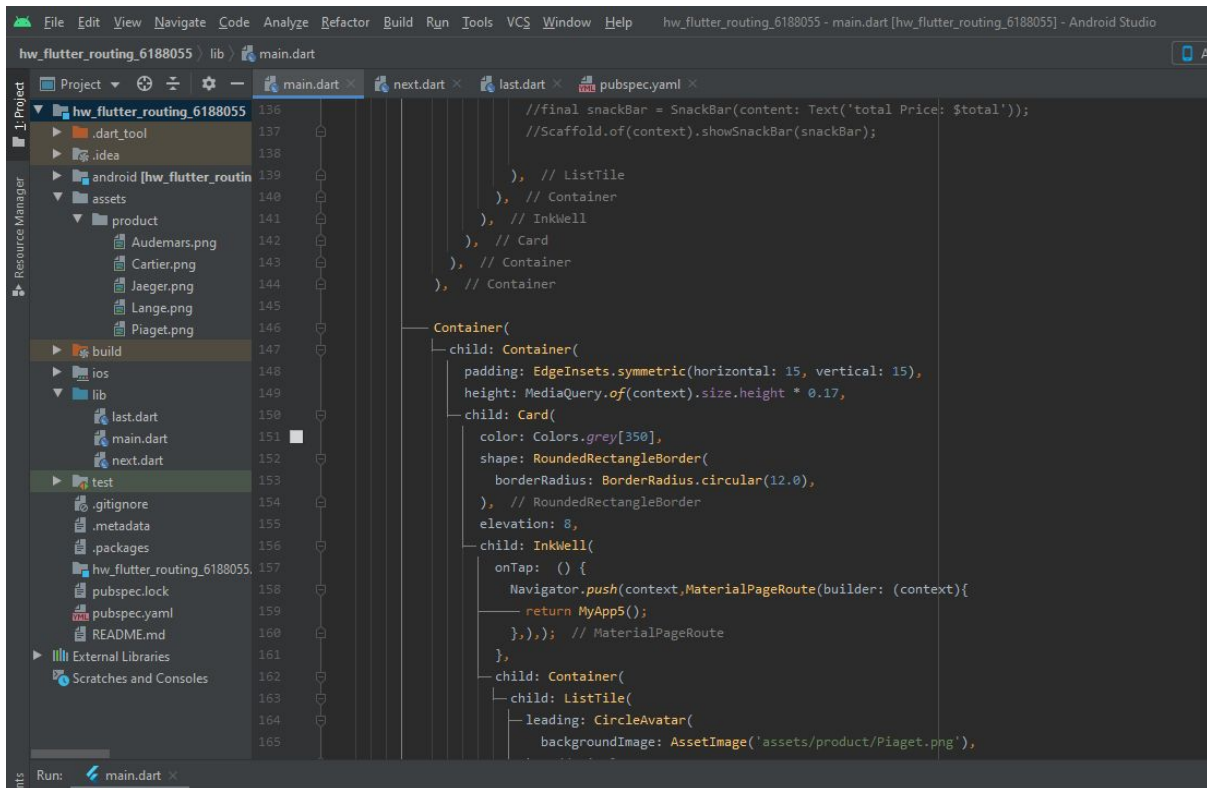


The screenshot shows the same IDE window, but the 'main.dart' file is now open at a different location, showing a Card widget. The Card has a RoundedRectangleBorder with a circular border radius of 12.0, an elevation of 8, and an InkWell child. The InkWell's onTap handler calls Navigator.push(context, MaterialPageRoute(builder: (context) { return MyApp4(); }));. The Card's child is a Container containing a ListTile. The ListTile has a CircleAvatar with a background image of 'assets/product/Audemars.png', a title 'Audemars Piguet', and a subtitle 'Price: \$2,108,418'. The ListTile also has a trailing icon from Icons.add. Below the ListTile, there is a comment '// total += price3;' and a final snackbar message 'total Price: \$total'.

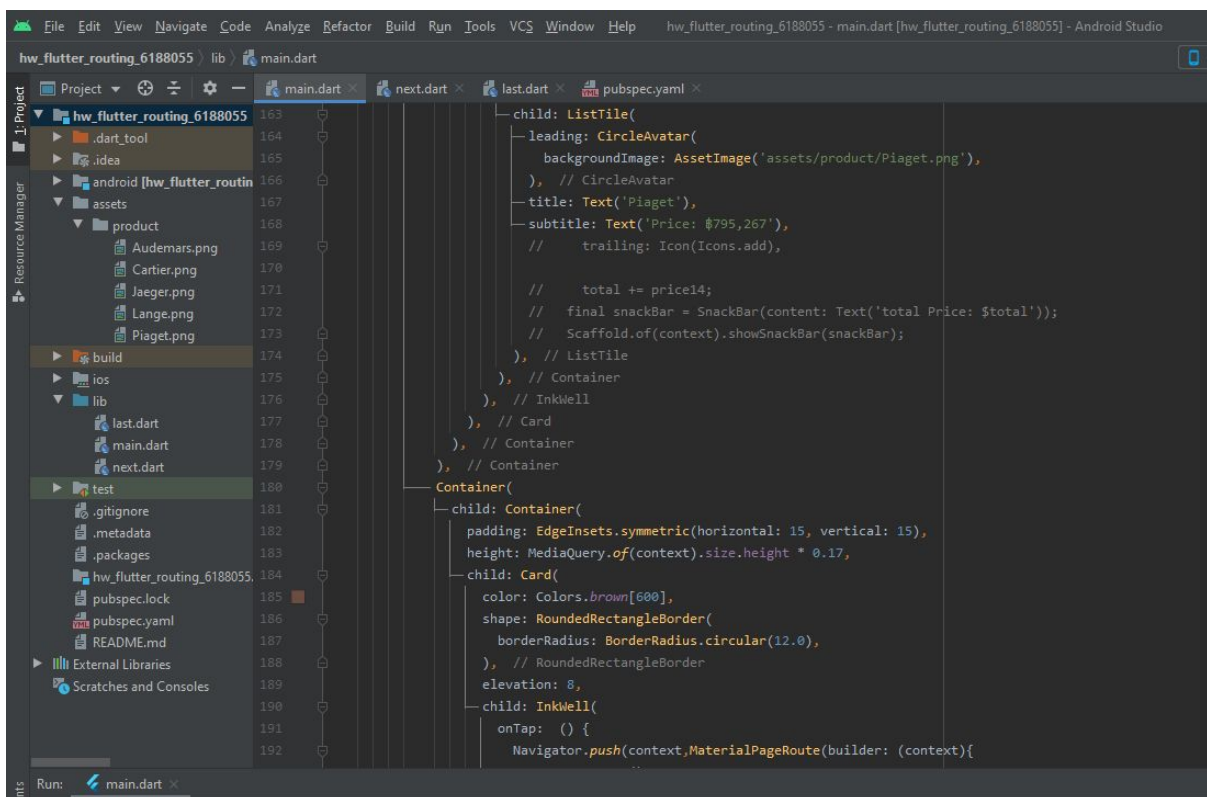
```
), // Card
), // Container
), // Container
Container(
  child: Container(
    padding: EdgeInsets.symmetric(horizontal: 15, vertical: 15),
    height: MediaQuery.of(context).size.height * 0.17,
    child: Card(
      color: Colors.amberAccent[700],
      shape: RoundedRectangleBorder(
        borderRadius: BorderRadius.circular(12.0),
      ), // RoundedRectangleBorder
      elevation: 8,
      child: InkWell(
        onTap: () {
          Navigator.push(context, MaterialPageRoute(builder: (context){
            return MyApp4();
          })); // MaterialPageRoute
        },
        child: Container(
          child: ListTile(
            leading: CircleAvatar(
              backgroundImage: AssetImage('assets/product/Audemars.png'),
            ), // CircleAvatar
            title: Text('Audemars Piguet'),
            subtitle: Text('Price: $2,108,418'),
            // trailing: Icon(Icons.add),

            // total += price3;
            //final snackbar = SnackBar(content: Text('total Price: $total'));
            //Scaffold.of(context).showSnackBar(snackBar);

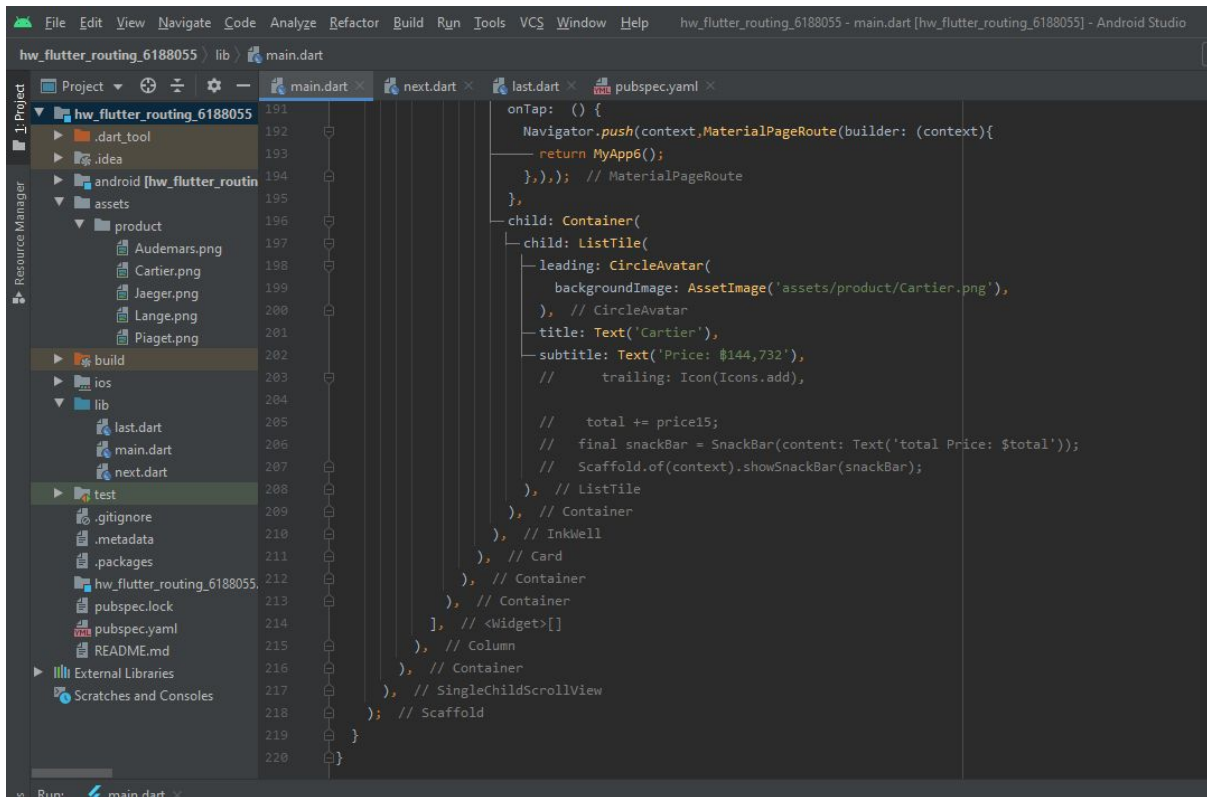
          ), // ListTile
        ), // Container
      ), // InkWell
    ), // Card
  ), // Container
), // Container
```



```
hw_flutter_routing_6188055 lib main.dart
136 //final snackBar = SnackBar(content: Text('total Price: $total'));
137 //SnackBar.of(context).showSnackBar(snackBar);
138
139 ), // ListTile
140 ), // Container
141 ), // InkWell
142 ), // Card
143 ), // Container
144 ), // Container
145
146
147 Container(
148   child: Container(
149     padding: EdgeInsets.symmetric(horizontal: 15, vertical: 15),
150     height: MediaQuery.of(context).size.height * 0.17,
151     child: Card(
152       color: Colors.grey[350],
153       shape: RoundedRectangleBorder(
154         borderRadius: BorderRadius.circular(12.0),
155       ), // RoundedRectangleBorder
156       elevation: 8,
157       child: InkWell(
158         onTap: () {
159           Navigator.push(context, MaterialPageRoute(builder: (context){
160             return MyApp5();
161           })); // MaterialPageRoute
162         },
163         child: Container(
164           child: ListTile(
165             leading: CircleAvatar(
166               backgroundImage: AssetImage('assets/product/Piaget.png'),
167             ),
168             title: Text('Piaget'),
169             subtitle: Text('Price: $795,267'),
170             trailing: Icon(Icons.add),
171           ),
172           // total += price14;
173           // final snackBar = SnackBar(content: Text('total Price: $total'));
174           // Scaffold.of(context).showSnackBar(snackBar);
175         ), // ListTile
176       ), // Container
177     ), // Container
178   ), // Container
179 ), // Container
180
181 Container(
182   child: Container(
183     padding: EdgeInsets.symmetric(horizontal: 15, vertical: 15),
184     height: MediaQuery.of(context).size.height * 0.17,
185     child: Card(
186       color: Colors.brown[600],
187       shape: RoundedRectangleBorder(
188         borderRadius: BorderRadius.circular(12.0),
189       ), // RoundedRectangleBorder
190       elevation: 8,
191       child: InkWell(
192         onTap: () {
193           Navigator.push(context, MaterialPageRoute(builder: (context){
194             return MyApp5();
195           })); // MaterialPageRoute
196         },
197         child: Container(
198           child: ListTile(
199             leading: CircleAvatar(
200               backgroundImage: AssetImage('assets/product/Piaget.png'),
201             ),
202             title: Text('Piaget'),
203             subtitle: Text('Price: $795,267'),
204             trailing: Icon(Icons.add),
205           ),
206           // total += price14;
207           // final snackBar = SnackBar(content: Text('total Price: $total'));
208           // Scaffold.of(context).showSnackBar(snackBar);
209         ), // ListTile
210       ), // Container
211     ), // Container
212   ), // Container
213 ), // Container
```



```
hw_flutter_routing_6188055 lib main.dart
163 child: ListTile(
164   leading: CircleAvatar(
165     backgroundImage: AssetImage('assets/product/Piaget.png'),
166   ), // CircleAvatar
167   title: Text('Piaget'),
168   subtitle: Text('Price: $795,267'),
169   trailing: Icon(Icons.add),
170 ), // ListTile
171 ), // Container
172 ), // Container
173 ), // Container
174 ), // Container
175
176 Container(
177   child: Container(
178     padding: EdgeInsets.symmetric(horizontal: 15, vertical: 15),
179     height: MediaQuery.of(context).size.height * 0.17,
180     child: Card(
181       color: Colors.brown[600],
182       shape: RoundedRectangleBorder(
183         borderRadius: BorderRadius.circular(12.0),
184       ), // RoundedRectangleBorder
185       elevation: 8,
186       child: InkWell(
187         onTap: () {
188           Navigator.push(context, MaterialPageRoute(builder: (context){
189             return MyApp5();
190           })); // MaterialPageRoute
191         },
192         child: Container(
193           child: ListTile(
194             leading: CircleAvatar(
195               backgroundImage: AssetImage('assets/product/Piaget.png'),
196             ),
197             title: Text('Piaget'),
198             subtitle: Text('Price: $795,267'),
199             trailing: Icon(Icons.add),
200           ),
201           // total += price14;
202           // final snackBar = SnackBar(content: Text('total Price: $total'));
203           // Scaffold.of(context).showSnackBar(snackBar);
204         ), // ListTile
205       ), // Container
206     ), // Container
207   ), // Container
208 ), // Container
```

```
191
192
193
194
195
196
197
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199
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202
203
204
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212
213
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217
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219
220
onTap: () {
  Navigator.push(context,MaterialPageRoute(builder: (context){
    return MyApp6();
  })); // MaterialPageRoute
},
child: Container(
  child: ListTile(
    leading: CircleAvatar(
      backgroundImage: AssetImage('assets/product/Cartier.png'),
    ), // CircleAvatar
    title: Text('Cartier'),
    subtitle: Text('Price: $144,732'),
    // trailing: Icon(Icons.add),

    // total += price15;
    // final snackBar = SnackBar(content: Text('total Price: $total'));
    // Scaffold.of(context).showSnackBar(snackBar);
  ), // ListTile
), // Container
), // InkWell
), // Card
), // Container
), // Container
], // <Widget>[]
), // Column
), // Container
), // SingleChildScrollView
); // Scaffold
}
```

UI screen Emulator

