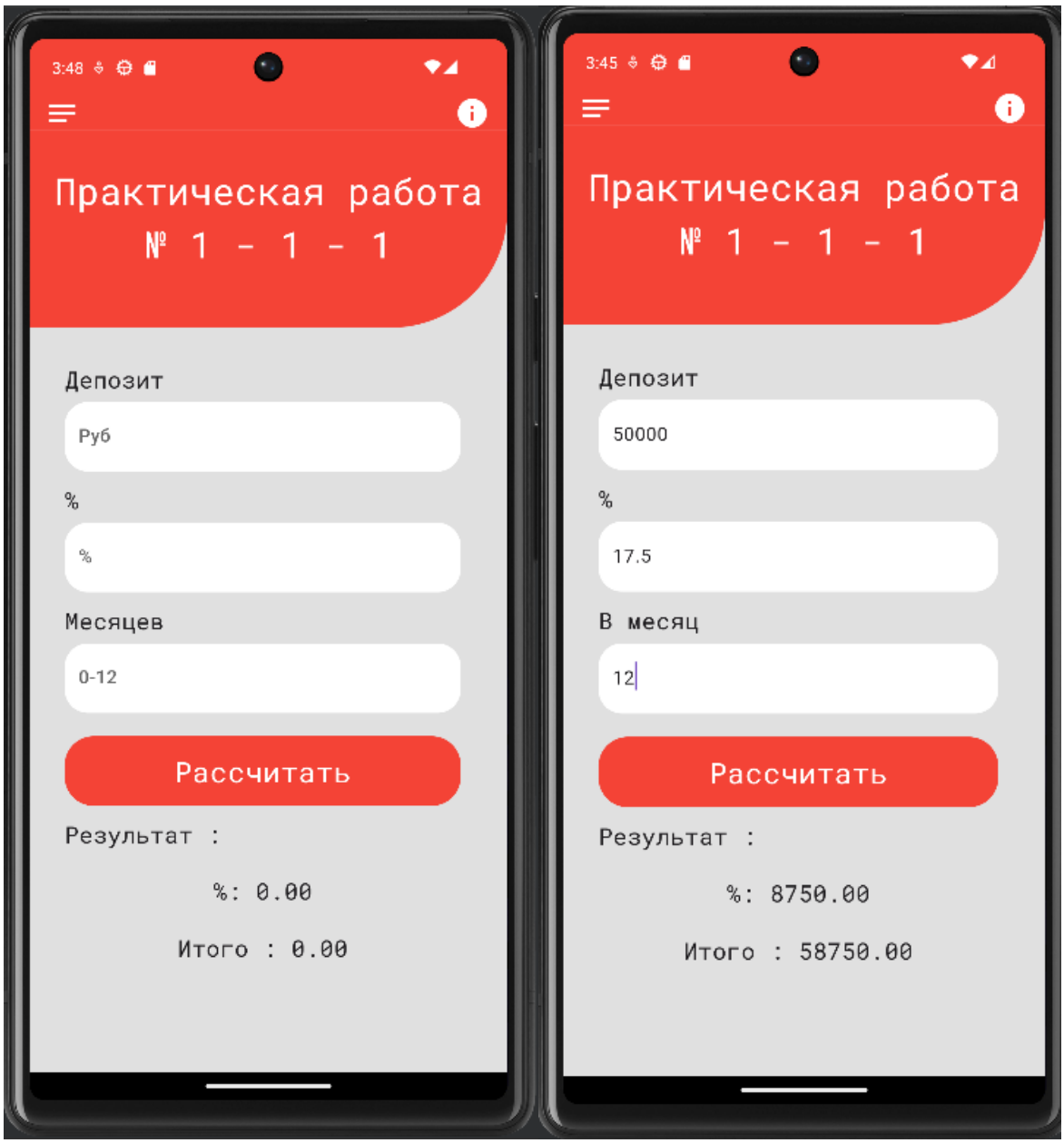
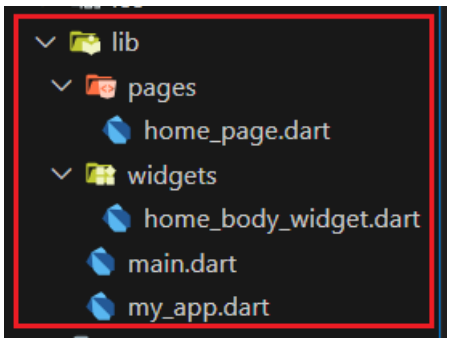
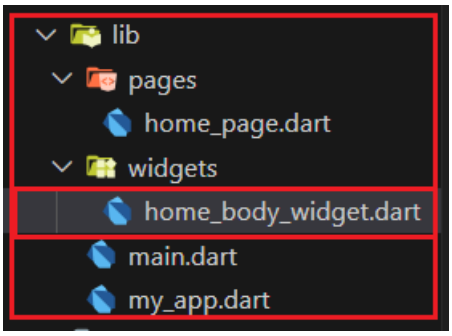

3:48
Практическая работа
№ 1 - 1 - 1
Депозит
Руб
%
%
Месяцев
0-12
Рассчитать
Результат :
%: 0.00
Итого : 0.00
3:45
Практическая работа
№ 1 - 1 - 1
Депозит
50000
%
17.5
В месяц
12
Рассчитать
Результат :
%: 8750.00
Итого : 58750.00




```
dependencies:
  flutter:
    sdk: flutter


  # The following adds the Cupertino Icons
  # Use with the CupertinoIcons class for
  cupertino_icons: ^1.0.6
  google_fonts: ^6.2.1
```

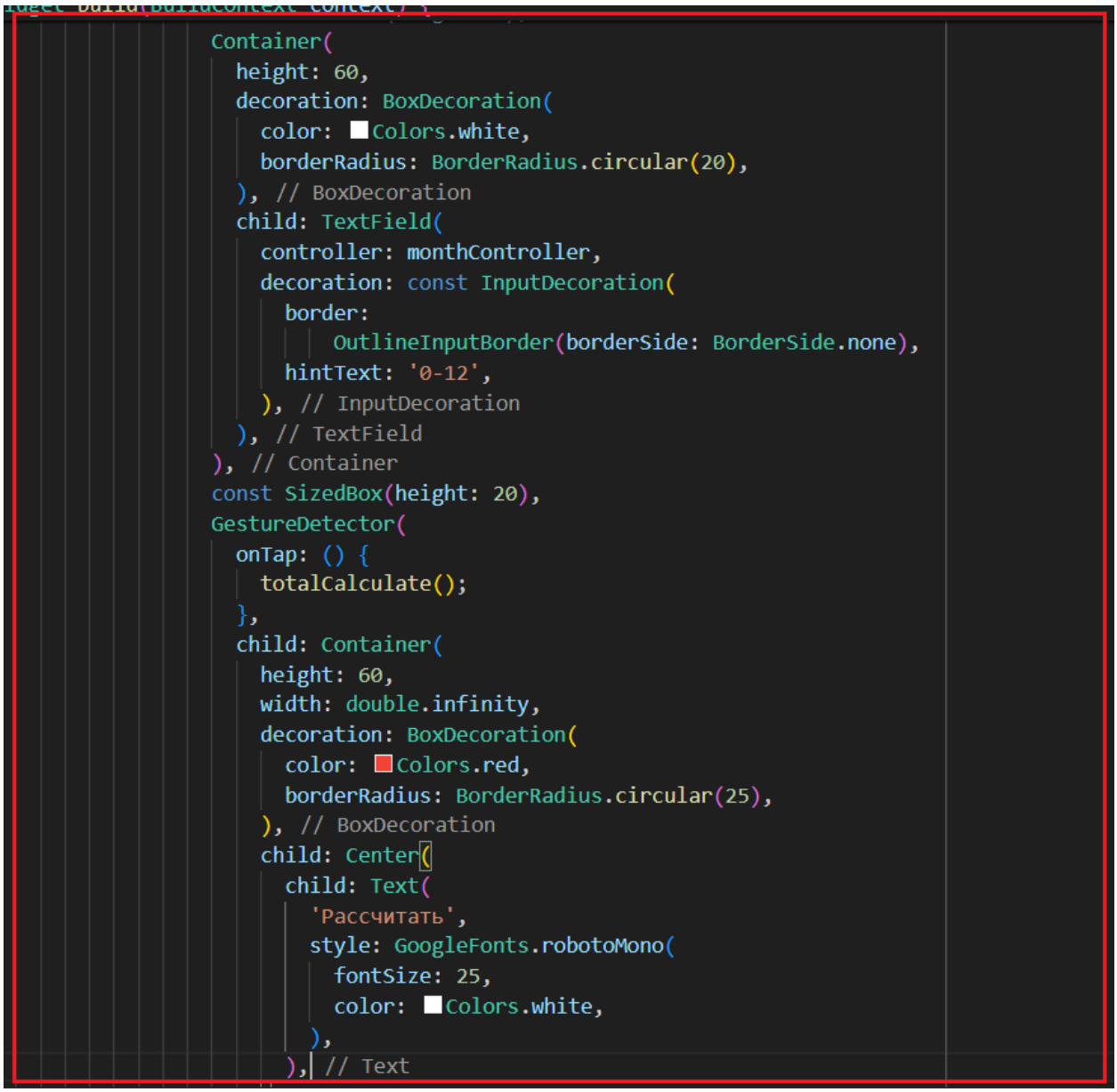



```dart
class HomeBodyWidget extends StatefulWidget {
  const HomeBodyWidget({super.key});

  @override
  State<HomeBodyWidget> createState() => _HomeBodyWidgetState();
}

class _HomeBodyWidgetState extends State<HomeBodyWidget> {
  TextEditingController amountController = TextEditingController();
  TextEditingController rateController = TextEditingController();
  TextEditingController monthController = TextEditingController();
  double interest = 0.0;
  double totalResult = 0.0;

  void totalCalculate() {
    final result = (double.parse(rateController.text) / 100 / 12) *
        int.parse(monthController.text);
    final total = result * int.parse(amountController.text);
    setState(() {
      interest = total;
      totalResult = int.parse(amountController.text) + interest;
    });
  }
```

```dart
@override
Widget build(BuildContext context) {
  return Container(
    color: Colors.grey.shade300,
    child: Column(
      children: <Widget>[
        Container(
          height: 170,
          decoration: const BoxDecoration(
            color: Colors.red,
            borderRadius: BorderRadius.only(
              bottomRight: Radius.circular(100),
            ), // BorderRadius.only
          ), // BoxDecoration
          child: Padding(
            padding: const EdgeInsets.only(bottom: 20),
            child: Align(
              alignment: Alignment.center,
              child: Column(
                mainAxisAlignment: MainAxisAlignment.center,
                crossAxisAlignment: CrossAxisAlignment.center,
                children: <Widget>[
                  Text(
                    'Практическая работа',
                    style: GoogleFonts.robotoMono(
                      fontSize: 32,
                      color: Colors.white,
                    ),
                  ), // Text
                  Text(
                    '№ 1 - 1 - 1',
                    style: GoogleFonts.robotoMono(
                      fontSize: 32,
                      color: Colors.white,
                    ),
                  ), // Text
```

```
                ], // <Widget>[]
              ), // Column
            ), // Align
          ), // Padding
        ), // Container
        const SizedBox(height: 20),
        Padding(
          padding: const EdgeInsets.fromLTRB(30, 10, 40, 0),
          child: Column(
            children: [
              Column(
                crossAxisAlignment: CrossAxisAlignment.start,
                children: <Widget>[
                  Text(
                    'Депозит',
                    style: GoogleFonts.robotoMono(fontSize: 20),
                  ), // Text
                  const SizedBox(height: 5),
                  Container(
                    height: 60,
                    decoration: BoxDecoration(
                      color: Colors.white,
                      borderRadius: BorderRadius.circular(20),
                    ), // BoxDecoration
                    child: TextField(
                      controller: amountController,
                      decoration: const InputDecoration(
                        border:
                            OutlineInputBorder(borderSide: BorderSide.none),
                        hintText: 'Руб',
                      ), // InputDecoration
                    ), // TextField
                  ), // Container
                  const SizedBox(height: 10),
                ], // <Widget>[]
```

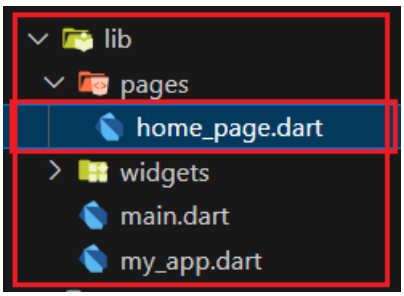
```
        ), // Column
        Column(
          crossAxisAlignment: CrossAxisAlignment.start,
          children: <Widget>[
            Text(
              '%',
              style: GoogleFonts.robotoMono(fontSize: 20),
            ), // Text
            const SizedBox(height: 5),
            Container(
              height: 60,
              decoration: BoxDecoration(
                color: Colors.white,
                borderRadius: BorderRadius.circular(20),
              ), // BoxDecoration
              child: TextField(
                controller: rateController,
                decoration: const InputDecoration(
                  border:
                      OutlineInputBorder(borderSide: BorderSide.none),
                  hintText: '%',
                ), // InputDecoration
              ), // TextField
            ), // Container
            const SizedBox(height: 10),
          ], // <Widget>[]
        ), // Column
        Column(
          crossAxisAlignment: CrossAxisAlignment.start,
          children: <Widget>[
            Text(
              'Месяцев',
              style: GoogleFonts.robotoMono(fontSize: 20),
            ), // Text
            const SizedBox(height: 5),
```



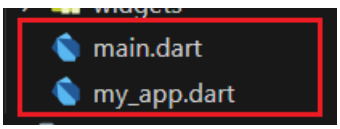
```
Container(
  height: 60,
  decoration: BoxDecoration(
    color: Colors.white,
    borderRadius: BorderRadius.circular(20),
  ), // BoxDecoration
  child: TextField(
    controller: monthController,
    decoration: const InputDecoration(
      border:
          OutlineInputBorder(borderSide: BorderSide.none),
      hintText: '0-12',
    ), // InputDecoration
  ), // TextField
), // Container
const SizedBox(height: 20),
GestureDetector(
  onTap: () {
    totalCalculate();
  },
  child: Container(
    height: 60,
    width: double.infinity,
    decoration: BoxDecoration(
      color: Colors.red,
      borderRadius: BorderRadius.circular(25),
    ), // BoxDecoration
    child: Center(
      child: Text(
        'Рассчитать',
        style: GoogleFonts.robotoMono(
          fontSize: 25,
          color: Colors.white,
        ),
      ), // Text
```

```
                ), // Center
              ), // Container
            ), // GestureDetector
            const SizedBox(height: 10),
            // ignore: unnecessary_null_comparison
            interest != null
                ? Column(
                    crossAxisAlignment: CrossAxisAlignment.start,
                    children: <Widget>[
                      Text(
                        'Результат :',
                        style: GoogleFonts.robotoMono(
                          fontSize: 20,
                        ),
                      ), // Text
                      const SizedBox(
                        height: 20,
                      ), // SizedBox
                      Center(
                        child: Text(
                          '%: ${interest.toStringAsFixed(2)}',
                          style: GoogleFonts.robotoMono(
                            fontSize: 20,
                          ),
                        ), // Text
                      ), // Center
                      const SizedBox(
                        height: 20,
                      ), // SizedBox
                      Center(
                        child: Text(
                          'Итого : ${totalResult.toStringAsFixed(2)}',
                          style: GoogleFonts.robotoMono(
                            fontSize: 20,
                          ),
```

```
                          ),
                        ), // Text
                      ) // Center
                    ], // <Widget>[]
                  ) // Column
                : const SizedBox(),
          ], // <Widget>[]
        ), // Column
      ],
    ), // Column
  ), // Padding
], // <Widget>[]
), // Column
); // Container
}
}
```




```dart
class HomePage extends StatefulWidget {
  const HomePage({super.key});

  @override
  State<HomePage> createState() => _HomePageState();
}

class _HomePageState extends State<HomePage> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        leading: const Icon(
          Icons.notes,
          size: 30,
          color: Colors.white,
        ), // Icon
        toolbarHeight: 30,
        backgroundColor: Colors.red,
        elevation: 0,
        actions: const [
          Padding(
            padding: EdgeInsets.only(right: 15),
            child: Icon(
              Icons.info,
              size: 30,
              color: Colors.white,
            ), // Icon
          ) // Padding
        ],
      ), // AppBar
      body: const HomeBodyWidget(),
    ); // Scaffold
  }
```



```dart
class MyApp extends StatelessWidget {
  const MyApp({super.key});

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Flutter-PR-Task-1-1-1',
      debugShowCheckedModeBanner: false,
      theme: ThemeData(
        colorScheme: ColorScheme.fromSeed(seedColor: Colors.deepPurple),
        useMaterial3: true,
      ), // ThemeData
      home: const HomePage(),
    ); // MaterialApp
  }
}
```

Type: bool

```dart
Run | Debug | Profile
void main() => runApp(const MyApp());
```