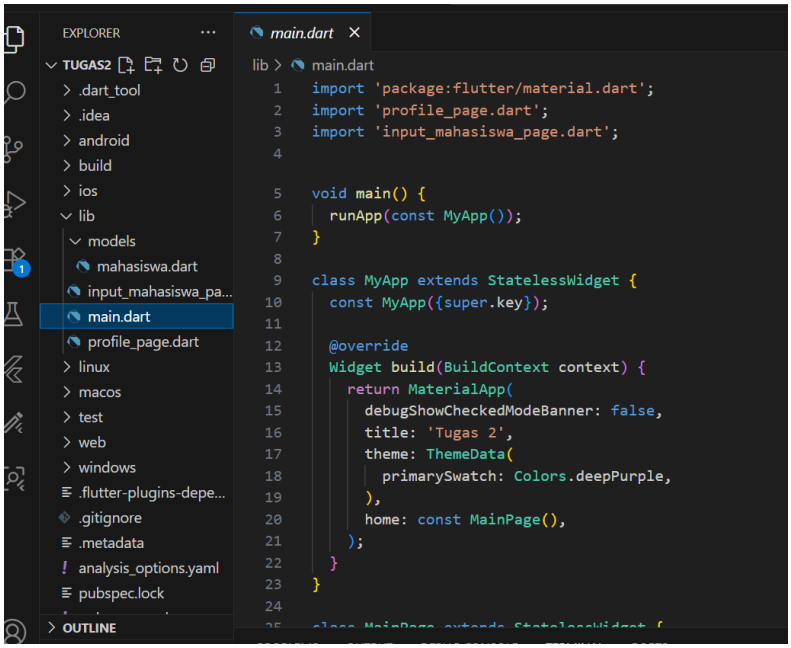
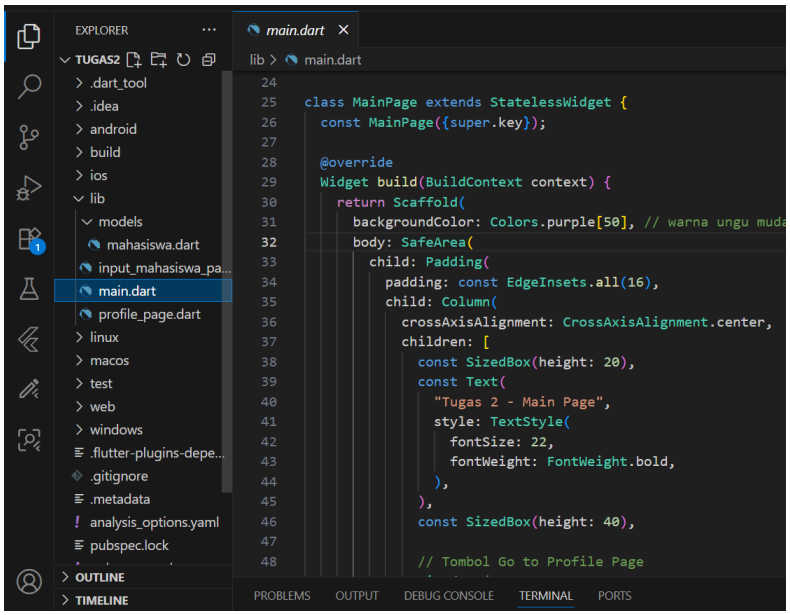
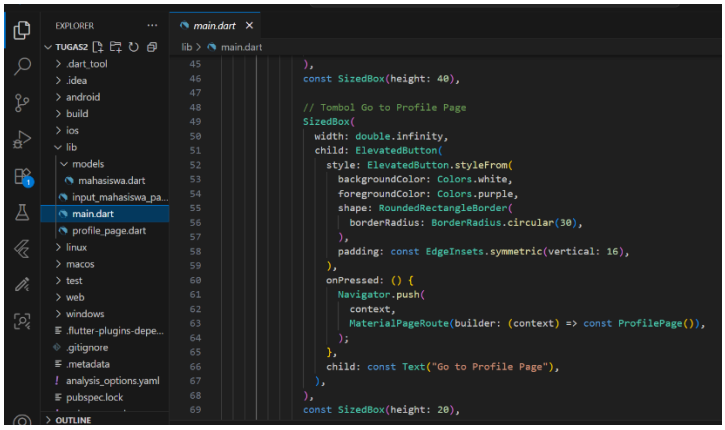
Nama: ROMA ULINA
Kelas: 5C – SI
NPM: 2310631250029
Tugas: 2

Main dart:






EXPLORER
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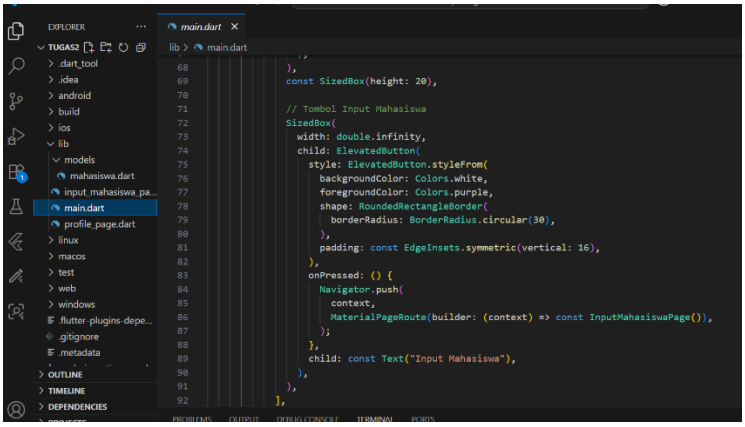
.gitignore
.metadata
analysis_options.yaml
pubspec.lock
OUTLINE
main.dart
lib > main.dart
),
const SizedBox(height: 40),
// Tombol Go to Profile Page
SizedBox(
width: double.infinity,
child: ElevatedButton(
style: ElevatedButton.styleFrom(
backgroundColor: Colors.white,
foregroundColor: Colors.purple,
shape: RoundedRectangleBorder(
borderRadius: BorderRadius.circular(30),
),
padding: const EdgeInsets.symmetric(vertical: 16),
),
onPressed: () {
Navigator.push(
context,
MaterialPageRoute(builder: (context) => const ProfilePage()),
);
},
child: const Text("Go to Profile Page"),
),
),
const SizedBox(height: 20),


EXPLORER
TUGAS2
.dart_tool
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mahasiswa.dart
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.gitignore
.metadata
OUTLINE
TIMELINE
DEPENDENCIES
main.dart
lib > main.dart
),
const SizedBox(height: 20),
// Tombol Input Mahasiswa
SizedBox(
width: double.infinity,
child: ElevatedButton(
style: ElevatedButton.styleFrom(
backgroundColor: Colors.white,
foregroundColor: Colors.purple,
shape: RoundedRectangleBorder(
borderRadius: BorderRadius.circular(30),
),
padding: const EdgeInsets.symmetric(vertical: 16),
),
onPressed: () {
Navigator.push(
context,
MaterialPageRoute(builder: (context) => const InputMahasiswaPage()),
);
},
child: const Text("Input Mahasiswa"),
),
),
],
PROBLEMS
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DEBUG CONSOLE
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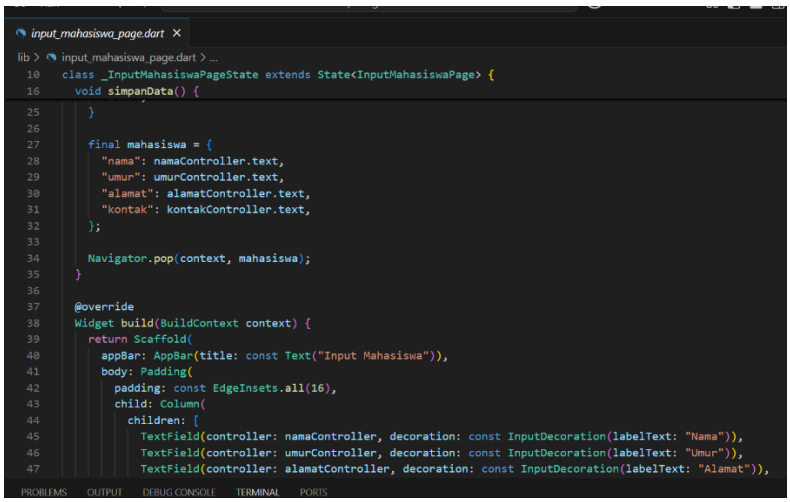
windows
.flutter-plugins-depe...
.gitignore
context,
MaterialPageRoute(builder: (context) => cons
);
},
child: const Text("Input Mahasiswa"),
),
),
],
),
),
),
);
}
}

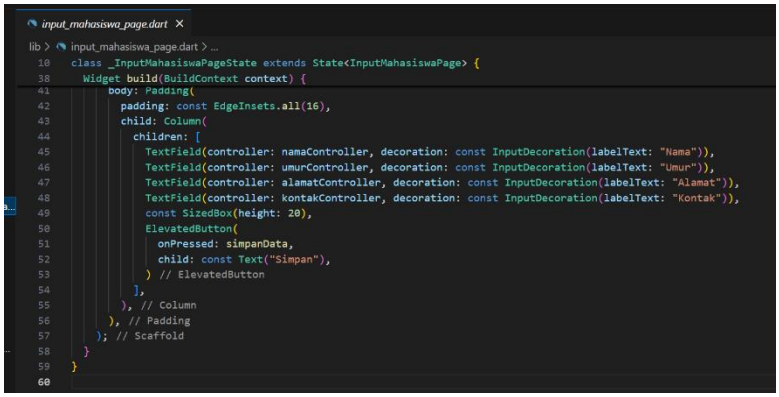
Input mahasiswa:

input_mahasiswa_page.dart

```dart
import 'package:flutter/material.dart';

class InputMahasiswaPage extends StatefulWidget {
  const InputMahasiswaPage({super.key});

  @override
  State<InputMahasiswaPage> createState() => _InputMahasiswaPageState();
}

class _InputMahasiswaPageState extends State<InputMahasiswaPage> {
  final TextEditingController namaController = TextEditingController();
  final TextEditingController umurController = TextEditingController();
  final TextEditingController alamatController = TextEditingController();
  final TextEditingController kontakController = TextEditingController();

  void simpanData() {
    if (namaController.text.isEmpty ||
        umurController.text.isEmpty ||
        alamatController.text.isEmpty ||
        kontakController.text.isEmpty) {
      ScaffoldMessenger.of(context).showSnackBar(
        const SnackBar(content: Text("Semua field harus diisi")),
      );
      return;
    }
```

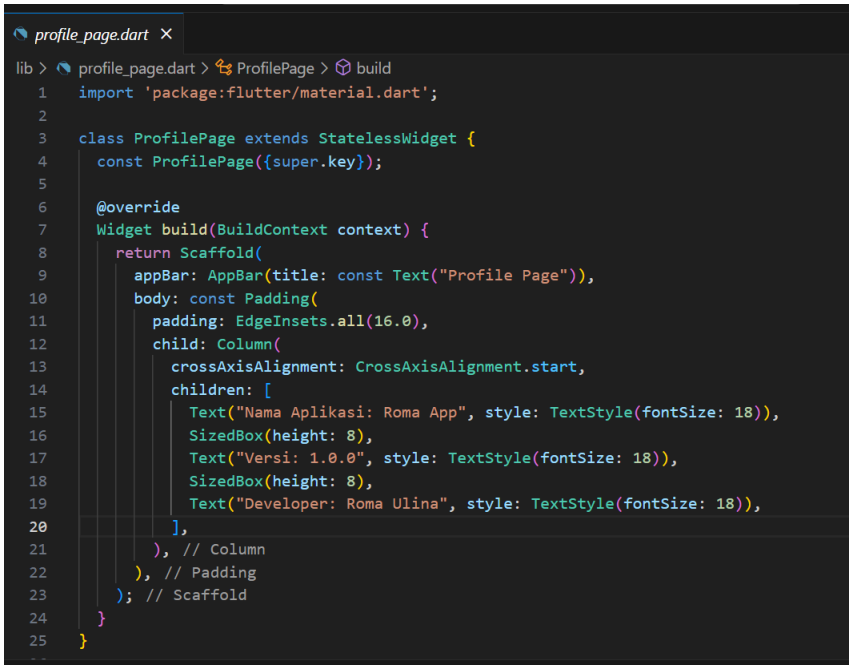


```dart
class _InputMahasiswaPageState extends State<InputMahasiswaPage> {
  void simpanData() {
    }

    final mahasiswa = {
      "nama": namaController.text,
      "umur": umurController.text,
      "alamat": alamatController.text,
      "kontak": kontakController.text,
    };

    Navigator.pop(context, mahasiswa);
  }

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(title: const Text("Input Mahasiswa")),
      body: Padding(
        padding: const EdgeInsets.all(16),
        child: Column(
          children: [
            TextField(controller: namaController, decoration: const InputDecoration(labelText: "Nama")),
            TextField(controller: umurController, decoration: const InputDecoration(labelText: "Umur")),
            TextField(controller: alamatController, decoration: const InputDecoration(labelText: "Alamat")),
```



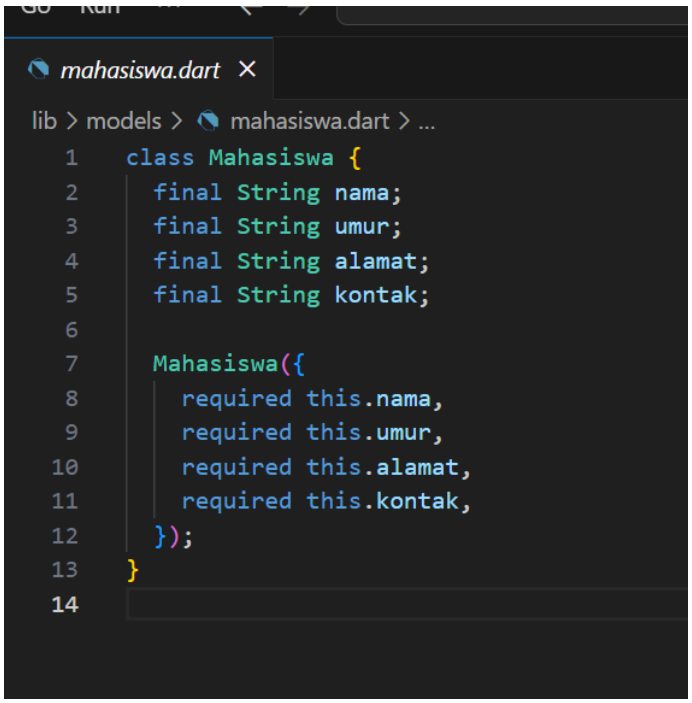
```dart
class _InputMahasiswaPageState extends State<InputMahasiswaPage> {
  Widget build(BuildContext context) {
    body: Padding(
      padding: const EdgeInsets.all(16),
      child: Column(
        children: [
          TextField(controller: namaController, decoration: const InputDecoration(labelText: "Nama")),
          TextField(controller: umurController, decoration: const InputDecoration(labelText: "Umur")),
          TextField(controller: alamatController, decoration: const InputDecoration(labelText: "Alamat")),
          TextField(controller: kontakController, decoration: const InputDecoration(labelText: "Kontak")),
          const SizedBox(height: 20),
          ElevatedButton(
            onPressed: simpanData,
            child: const Text("Simpan"),
          ) // ElevatedButton
        ],
      ), // Column
    ), // Padding
  ); // Scaffold
  }
}
```

Profile:



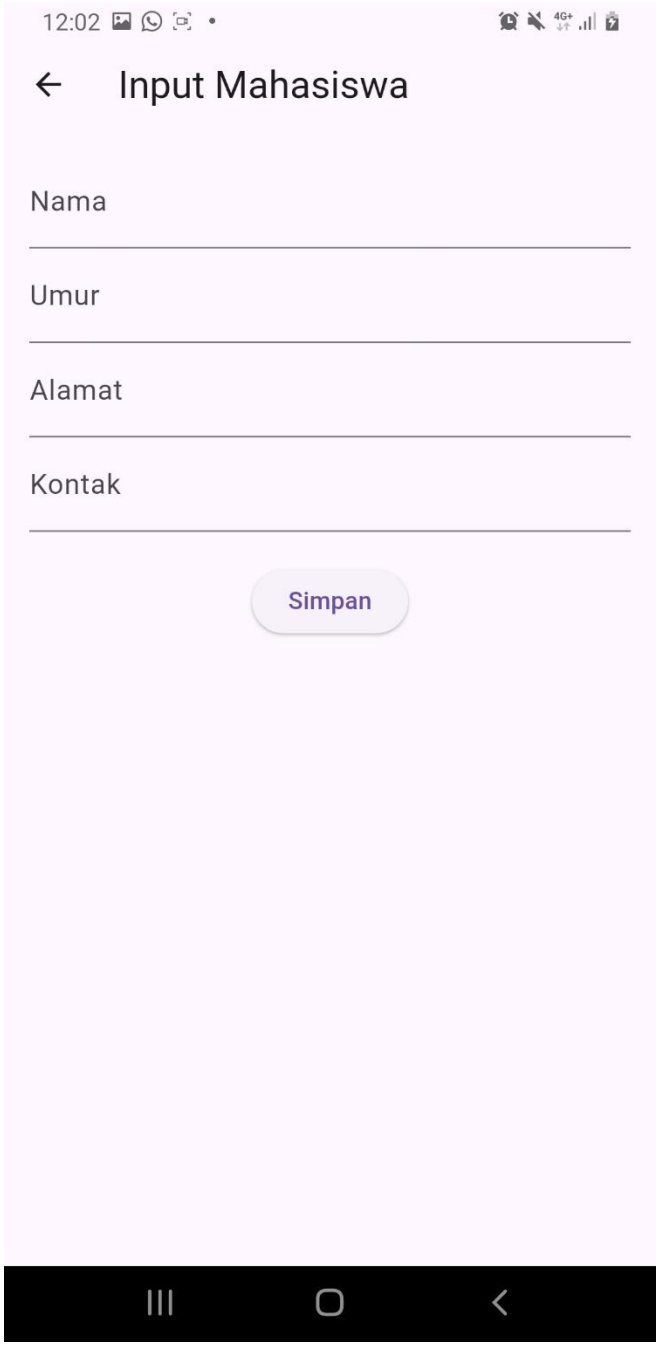
```dart
import 'package:flutter/material.dart';

class ProfilePage extends StatelessWidget {
  const ProfilePage({super.key});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(title: const Text("Profile Page")),
      body: const Padding(
        padding: EdgeInsets.all(16.0),
        child: Column(
          crossAxisAlignment: CrossAxisAlignment.start,
          children: [
            Text("Nama Aplikasi: Roma App", style: TextStyle(fontSize: 18)),
            SizedBox(height: 8),
            Text("Versi: 1.0.0", style: TextStyle(fontSize: 18)),
            SizedBox(height: 8),
            Text("Developer: Roma Ulina", style: TextStyle(fontSize: 18)),
          ],
        ), // Column
      ), // Padding
    ); // Scaffold
  }
}
```

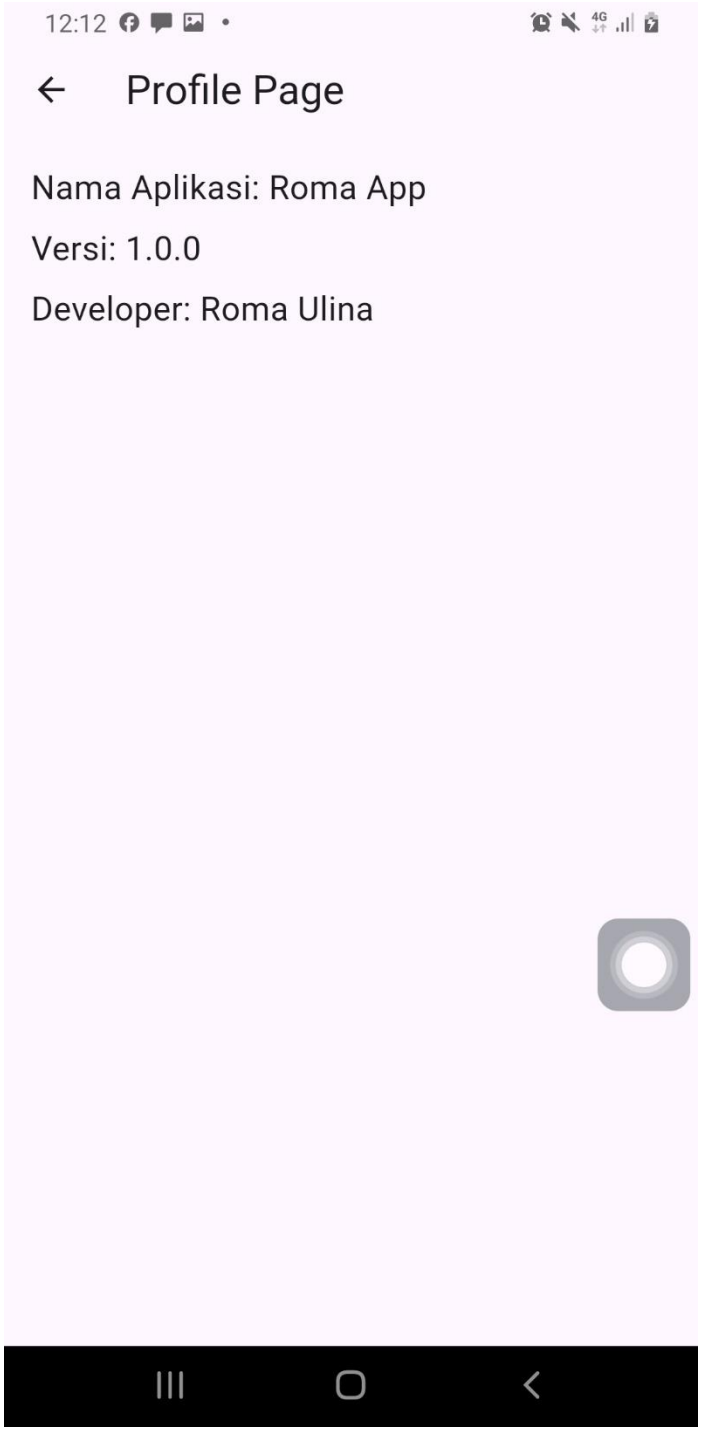
Mahasiswa:



```dart
class Mahasiswa {
  final String nama;
  final String umur;
  final String alamat;
  final String kontak;

  Mahasiswa({
    required this.nama,
    required this.umur,
    required this.alamat,
    required this.kontak,
  });
}
```

Output:


12:02
Input Mahasiswa
Nama
Umur
Alamat
Kontak
Simpan


12:12
Profile Page
Nama Aplikasi: Roma App
Versi: 1.0.0
Developer: Roma Ulina