

Nama : Muhammad Fikry Fadhillah
NIM : 19230392
Kelas : 19.4A.05
Mata Kuliah : Mobile Programming
Tanggal : 06 April 2025

Latihan Form Pertemuan 7

The image displays a Flutter development environment with two screenshots of a mobile application. The top screenshot shows the 'Tambah Mahasiswa' (Add Student) screen, which is a form with input fields for 'Mata Kuliah' (Mobile Programming), 'SKS' (4), and 'Semester' (4), along with a 'Simpan' (Save) button. The bottom screenshot shows the 'Detail Mahasiswa' (Student Detail) screen, which displays the entered information: 'Mata Kuliah : Mobile Programming', 'SKS : 4', and 'Semester : 4'.

Top Screenshot: Tambah Mahasiswa

```
lib > mahasiswa_form.dart > MahasiswaFormState > tombolSimpan
1 import 'package:flutter/material.dart';
2 import './mahasiswa_detail.dart';
3
4 class MahasiswaForm extends StatefulWidget {
5   const MahasiswaForm({super.key});
6
7   @override
8   State<MahasiswaForm> createState() => _MahasiswaFormStat
9
10
11 class _MahasiswaFormState extends State<MahasiswaForm> {
12   final _formKey = GlobalKey<FormState>();
13   final _matakuliahCtrl = TextEditingController();
14   final _sksCtrl = TextEditingController();
15   final _semesterCtrl = TextEditingController();
16
17   @override
18   Widget build(BuildContext context) {
19     return Scaffold(
20       appBar: AppBar(title: Text("Tambah Mahasiswa")),
21       body: Form(
22         key: _formKey,
23         child: Column(
24           children: [
25             nimField(),
26             SizedBox(height: 10),
27             namaField(),
28             SizedBox(height: 10),
29             alamatField(),
30             SizedBox(height: 10),
31             tombolSimpan(),
32           ], // Column
33         ), // Form
34       ), // Scaffold
35     );
```

Bottom Screenshot: Detail Mahasiswa

```
lib > mahasiswa_detail.dart > MahasiswaDetail > build
1 import 'package:flutter/material.dart';
2
3 class MahasiswaDetail extends StatelessWidget {
4   final String matakuliah;
5   final String sks;
6   final String semester;
7
8   const MahasiswaDetail({
9     super.key,
10    required this.matakuliah,
11    required this.sks,
12    required this.semester,
13  });
14
15   @override
16   Widget build(BuildContext context) {
17     return Scaffold(
18       appBar: AppBar(title: Text("Detail Mahasiswa")),
19       body: Center(
20         child: Column(
21           children: [
22             Text("Mata Kuliah : $matakuliah"),
23             Text("SKS : $sks"),
24             Text("Semester : $semester"),
25           ],
26         ), // Column
27       ), // Center
28     ); // Scaffold
29   }
30 }
```