

Soal Form

1. Buatlah sebuah halaman baru yang memiliki spesifikasi berikut:
 - A. Memiliki appbar dengan judul “Contacts”
 - B. memiliki icon (gambar bebas)
 - C. memiliki deskripsi (text bebas)
 - D. Buatlah sebuah Title yang bertuliskan “Create New Contacts”
 - E. menampilkan sebuah form input nama dan no telp
 - F. menampilkan tombol submit

```
main.dart X
lib > main.dart > ...
1  import 'package:flutter/material.dart';
2
3  void main() {
4    runApp(const MyApp());
5  }
6
7  class MyApp extends StatelessWidget {
8    const MyApp({super.key});
9
10   @override
11   Widget build(BuildContext context) {
12     return MaterialApp(
13       theme: ThemeData(
14         primarySwatch: Colors.deepPurple,
15       ), // ThemeData
16       title: 'Flutter Form',
17       home: FlutterForm(),
18     ); // MaterialApp
19   }
20
21 }
22
23 class FlutterForm extends StatefulWidget {
24   const FlutterForm({super.key});
25
26   @override
27   State<FlutterForm> createState() => _FlutterFormState();
28 }
29
30 class _FlutterFormState extends State<FlutterForm> {
31   var formKey = GlobalKey<FormState>();
32   var inputController=TextEditingController();
33   var inputController2=TextEditingController();
34 }
```

```

35 @override
36 Widget build(BuildContext context) {
37   return Scaffold(
38     appBar: AppBar(
39       title: Text("Contact"),
40       centerTitle: true,
41     ), // AppBar
42     body: Form(
43       key: formKey,
44       child: Container(
45         padding: EdgeInsets.all(20.0),
46         child: ListView(
47           children: [
48             Container(
49               padding: EdgeInsets.all(10),
50               margin: EdgeInsets.all(10),
51               child: Center(
52                 child: Icon(Icons.contacts),
53               ), // Center
54             ), // Container
55             Container(
56               padding: EdgeInsets.all(10),
57               child: Center(
58                 child: Text('Create New Contacts', style: TextStyle(fontSize: 30)),
59               ), // Center
60             ), // Container
61             Container(
62               padding: EdgeInsets.all(10),
63               child: Center(
64                 child: Text('tolong masukkan nomor telepon yang benar dan jangan lupa untuk diberikan nama yang sesuai',
65                   style: TextStyle(fontSize: 12)), // Text
66               ), // Center
67             ), // Container

```

```

68             Container(
69               padding: EdgeInsets.all(10),
70               margin: EdgeInsets.all(10),
71               child: TextFormField(
72                 controller: inputController,
73                 decoration: new InputDecoration(
74                   hintText: "Inser Your Name",
75                   labelText: "Name",
76                   border: OutlineInputBorder(),
77                 ), // InputDecoration
78               ), // TextFormField
79             ), // Container
80             Container(
81               padding: EdgeInsets.all(10),
82               margin: EdgeInsets.all(10),
83               child: TextFormField(
84                 controller: inputController2,
85                 scrollPadding: EdgeInsets.all(10),
86                 keyboardType: TextInputType.phone,
87                 decoration: new InputDecoration(
88                   hintText: "+62",
89                   labelText: "Nomor",
90                   border: OutlineInputBorder(),
91                 ), // InputDecoration
92               ), // TextFormField
93             ), // Container

```

```

94             Container(
95               padding: EdgeInsets.all(10),
96               margin: EdgeInsets.all(10),
97               child: Align(
98                 alignment: Alignment.bottomRight,
99                 child: ElevatedButton(
100                   style: ElevatedButton.styleFrom(
101                     padding: const EdgeInsets.symmetric(horizontal: 40, vertical: 10),
102                     shape: RoundedRectangleBorder(
103                       borderRadius: BorderRadius.circular(20)), // RoundedRectangleBorder
104                   child: const Text(
105                     'Submit',
106                     style: TextStyle(fontSize: 20),
107                   ), // Text
108                   onPressed: (){
109                     }
110                 ), // ElevatedButton
111               ), // Align
112             ), // Container

```

Outputnya :

The image displays three sequential screenshots of a mobile application interface for creating new contacts. The app's title bar is purple and labeled 'Contact'. The main heading is 'Create New Contacts', followed by a instruction: 'tolong masukkan nomor telepon yang benar dan jangan lupa untuk diberikan nama yang sesuai'.

Screenshot 1 (Left): Shows the initial form with two input fields: 'Name' and 'Nomor'. A purple 'Submit' button is at the bottom right.

Screenshot 2 (Middle): The 'Name' field is active, showing a placeholder 'Insert Your Name'. A standard QWERTY keyboard is visible at the bottom.

Screenshot 3 (Right): The 'Nomor' field is active, showing a placeholder '+62 ...'. A numeric keypad is visible at the bottom.

2. buatlah sebuah widget baru yang terletak dibawah form “create new contacts” dengan spesifikasi berikut:
- A. Memiliki title “List Contacts”
 - B. menampilkan data nama dan no telp dalam listview
 - C. Jika tombol submit di tekan maka data pada “List Contracts” akan bertambah

```
114
115     Container(
116       padding: EdgeInsets.all(10),
117       margin: EdgeInsets.all(10),
118       child: Center(
119         child: Text('List Contacts', style: TextStyle(fontSize: 30)),
120       ), // Center
121     ), // Container
122
123     Container(
124       child: ListTile(
125         title: Text("Name 1"),
126         subtitle: Text("+62123456781"),
127         trailing: Row(
128           mainAxisAlignment: MainAxisAlignment.min,
129           children: [
130             IconButton(onPressed: () {}, icon: const Icon(Icons.edit)),
131             IconButton(onPressed: () {}, icon: const Icon(Icons.delete)),
132           ]
133         ), // Row
134         leading: CircleAvatar(
135           child: (Text('A', style: TextStyle(fontSize: 25))),
136         ), // CircleAvatar // ListTile
137       ), // Container
138
139     Container(
140       child: ListTile(
141         title: Text("Name 2"),
142         subtitle: Text("+62123456782"),
143         trailing: Row(
144           mainAxisAlignment: MainAxisAlignment.min,
145           children: [
146             IconButton(onPressed: () {}, icon: const Icon(Icons.edit)),
147             IconButton(onPressed: () {}, icon: const Icon(Icons.delete)),
148           ]
149         ), // Row
150         leading: CircleAvatar(
151           child: (Text('A', style: TextStyle(fontSize: 25))),
152         ), // CircleAvatar // ListTile
153       ), // Container
```

Outputnya :

