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UAS MOBILE PROGRAMMING

1. Apa yang dimaksud dengan state management pada flutter?

Jawab :

State Management adalah sebuah cara untuk mengatur data / state kita bekerja, bisa juga untuk memisahkan antara logic dan view dimana logic tersebut juga bisa re-usable.

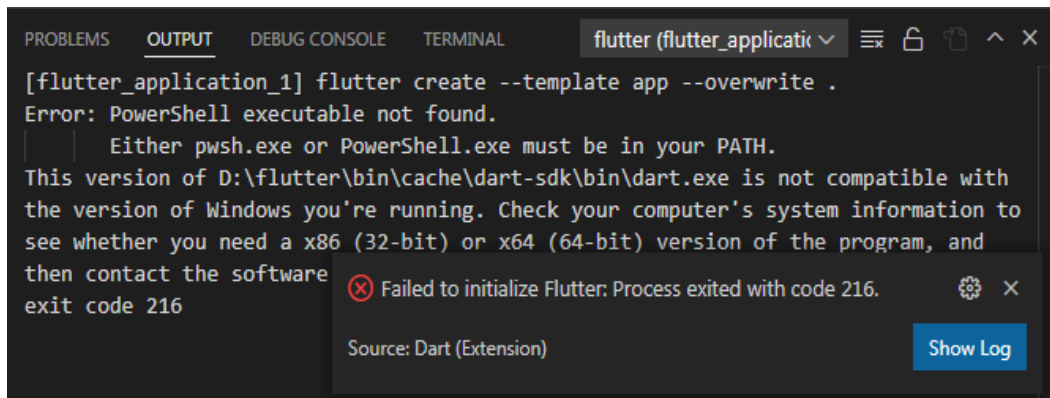
2. Sebutkan apa saja state management pada flutter !

Jawab :

Provider, Block, Reduct, Cubit, Mobx

3. Buatlah aplikasi dengan flutter, gunakanlah state management yang anda ketahui. Tampilkan data dari url berikut <https://jsonplaceholder.typicode.com/posts> kedalam bentuk list pada aplikasi flutter anda !

- mohon maaf pak laptop saya tidak biasa di running



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  flutter (flutter_applicati...
[flutter_application_1] flutter create --template app --overwrite .
Error: PowerShell executable not found.
    Either pwsh.exe or PowerShell.exe must be in your PATH.
This version of D:\flutter\bin\cache\dart-sdk\bin\dart.exe is not compatible with
the version of Windows you're running. Check your computer's system information to
see whether you need a x86 (32-bit) or x64 (64-bit) version of the program, and
then contact the software vendor for more information.
exit code 216
Failed to initialize Flutter: Process exited with code 216.
Source: Dart (Extension) Show Log
```

```
Help • main.dart - dart1 - Visual Studio Code
Get Started main.dart
main.dart
1 import 'package:flutter/material.dart';
2
3 void main() => runApp(MaterialApp(
4   debugShowCheckedModeBanner: false,
5   home: MyApp(),
6 ));
7
8 class MyApp extends StatefulWidget {
9   @override
10  _MyAppState createState() => _MyAppState();
11 }
12
13 class _MyAppState extends State<MyApp> {
14
15   Widget build(BuildContext context) {
16     return Scaffold(
17       appBar: AppBar(
18         title: Text("GRID VIEW EXAMPLE",
19           style: new TextStyle(
20             fontSize: 24.0, fontWeight: FontWeight.bold
21           )),
22         backgroundColor: Colors.red,
23         centerTitle: true,
24       ),
25       //backgroundColor: Colors.blue[100],
26       body: Container(
27
28         child: Padding(
29           padding: const EdgeInsets.only(top: 20.0),
30           child: GridView.count(
31             crossAxisCount: 2,
32             children: <Widget>[
33               Padding(
```

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34 padding: const EdgeInsets.all(12.0),
35 child: Container(
36   decoration: BoxDecoration(
37     borderRadius: BorderRadius.all(Radius.circular(20.0)),
38     color: Colors.pink
39   ),
40   child: Center(
41     child: Text("pink", style: TextStyle(fontSize: 24.0,
42       fontWeight: FontWeight.bold)),
43   ),
44 ),
45 ),
46 Padding(
47   padding: const EdgeInsets.all(12.0),
48   child: Container(
49     decoration: BoxDecoration(
50       borderRadius: BorderRadius.all(Radius.circular(20.0)),
51       color: Colors.green
52     ),
53     child: Center(
54       child: Text("green", style: TextStyle(fontSize: 24.0,
55         fontWeight: FontWeight.bold)),
56     ),
57   ),
58 ),
59 Padding(
60   padding: const EdgeInsets.all(12.0),
61   child: Container(
62     decoration: BoxDecoration(
63       borderRadius: BorderRadius.all(Radius.circular(20.0)),
64       color: Colors.purple
65     ),
66     child: Center(

```

```
64 |         color: Colors.purple
65 |     ),
66 |     child: Center(
67 |       child: Text("purple", style: TextStyle(fontSize: 24.0,
68 |         fontWeight: FontWeight.bold)),
69 |     ),
70 |   ),
71 | ),
72 | Padding(
73 |   padding: const EdgeInsets.all(12.0),
74 |   child: Container(
75 |     decoration: BoxDecoration(
76 |       borderRadius: BorderRadius.all(Radius.circular(20.0)),
77 |       color: Colors.yellow
78 |     ),
79 |     child: Center(
80 |       child: Text("yellow", style: TextStyle(fontSize: 24.0,
81 |         fontWeight: FontWeight.bold)),
82 |     ),
83 |   ),
84 | ),
85 | Padding(
86 |   padding: const EdgeInsets.all(12.0),
87 |   child: Container(
88 |     decoration: BoxDecoration(
89 |       borderRadius: BorderRadius.all(Radius.circular(20.0)),
90 |       color: Colors.brown
91 |     ),
92 |     child: Center(
93 |       child: Text("brown", style: TextStyle(fontSize: 24.0,
94 |         fontWeight: FontWeight.bold)),
95 |     ),
96 |   ),
```