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SE-46-03

Source

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

void main() {
  runApp(const MyApp());
}

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

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: '1302220077',
      theme: ThemeData(
        colorScheme: ColorScheme.fromSeed(seedColor:
Colors.deepPurple),
        useMaterial3: true,
      ),
      home: const MyHomePage(title: '1302220077'),
    );
  }
}

class MyHomePage extends StatefulWidget {
  const MyHomePage({super.key, required this.title});

  final String title;

  @override
  State<MyHomePage> createState() => _MyHomePageState();
}
```

```

class _MyHomePageState extends State<MyHomePage> {
  final List<Map<String,dynamic>> appList = [
    {
      "name" : "Native App",
      "description" : "Android, iOS",
      "color" : Colors.red,
    },

    {
      "name" : "Hybrid App",
      "description" : "Android, iOS, Web\nJavascript, Dart",
      "color" : Colors.grey,
    }
  ];

  void showDetailDialog(BuildContext context, String title, String
description){
    showDialog(
      context: context,
      builder: (BuildContext context) {
        return AlertDialog(
          title: const Text('Detail'),
          content: Column(
            mainAxisAlignment: MainAxisAlignment.min,
            children: [
              Text(
                title,
                style: const TextStyle(fontWeight: FontWeight.bold,
fontSize: 20),
              ),
              const SizedBox(
                width: 200,
                height: 10
              ),
              Text(
                description,
                textAlign: TextAlign.center,
              ),
            ],
          ),
        );
      },
    );
  }
}

```

```

        actions: <Widget>[
          TextButton(
            child: const Text('close'),
            onPressed: () {
              Navigator.of(context).pop();
            },
          ),
        ],
      );
    },
  );
}

```

@override

```

Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(
      title: Text(widget.title),
    ),
    body: ListView.builder(
      itemCount: appList.length,
      itemBuilder: (context, index) {
        return ListTile(
          leading: CircleAvatar(
            backgroundColor: appList[index]['color'],
          ),
          title: Text(appList[index]['name']),
          onTap: () {
            showDetailDialog(
              context,
              appList[index]['name'],
              appList[index]['description'],
            );
          },
        );
      },
    );
  );
}
}

```

Output

