



Akshath Jain

Mobile & IoT / Crash Course 2019





Fast

Native

Efficient

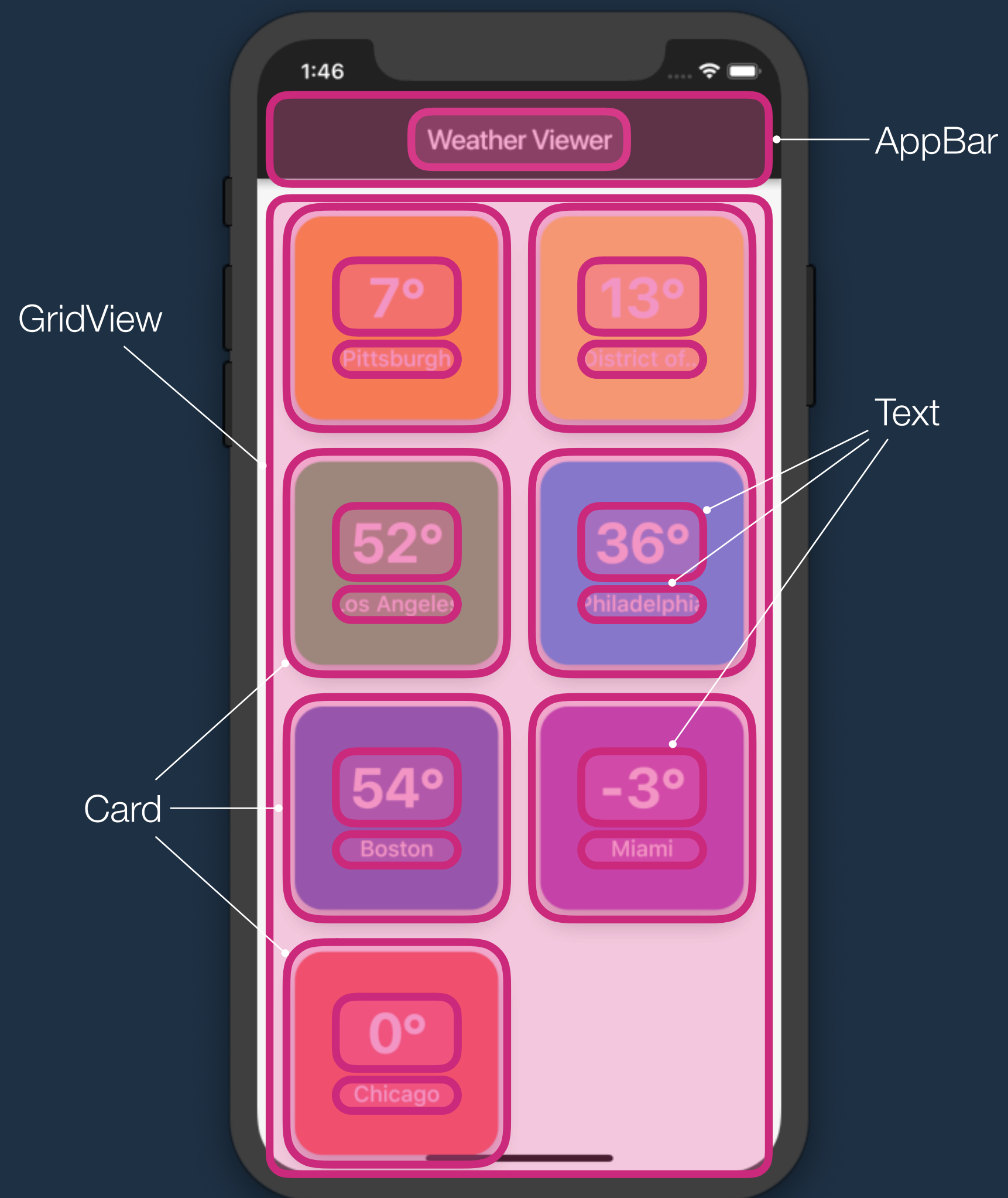


<https://flutter.io/docs/get-started/install>

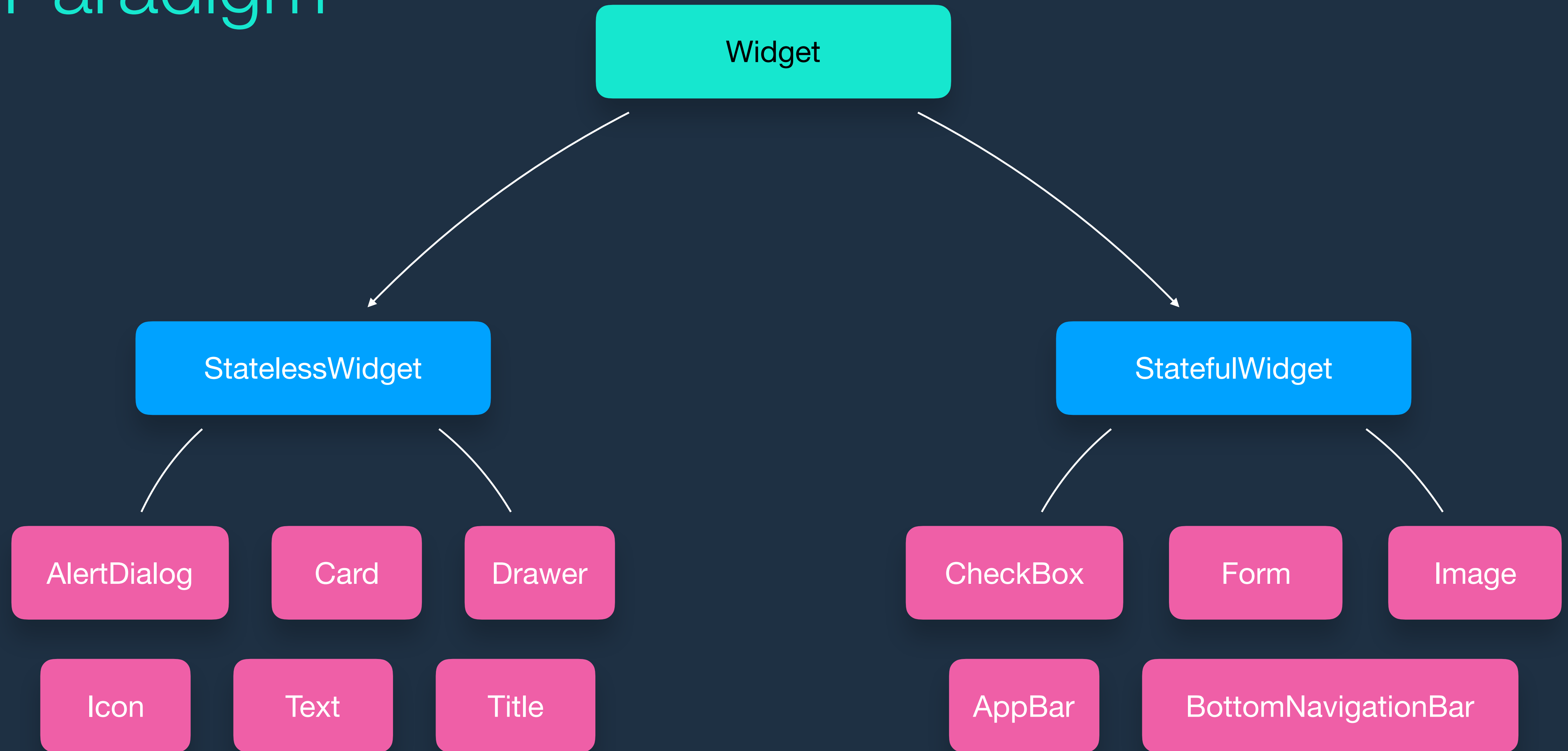
<https://github.com/akshathjain/FlutterWorkshop>

Paradigm

Paradigm



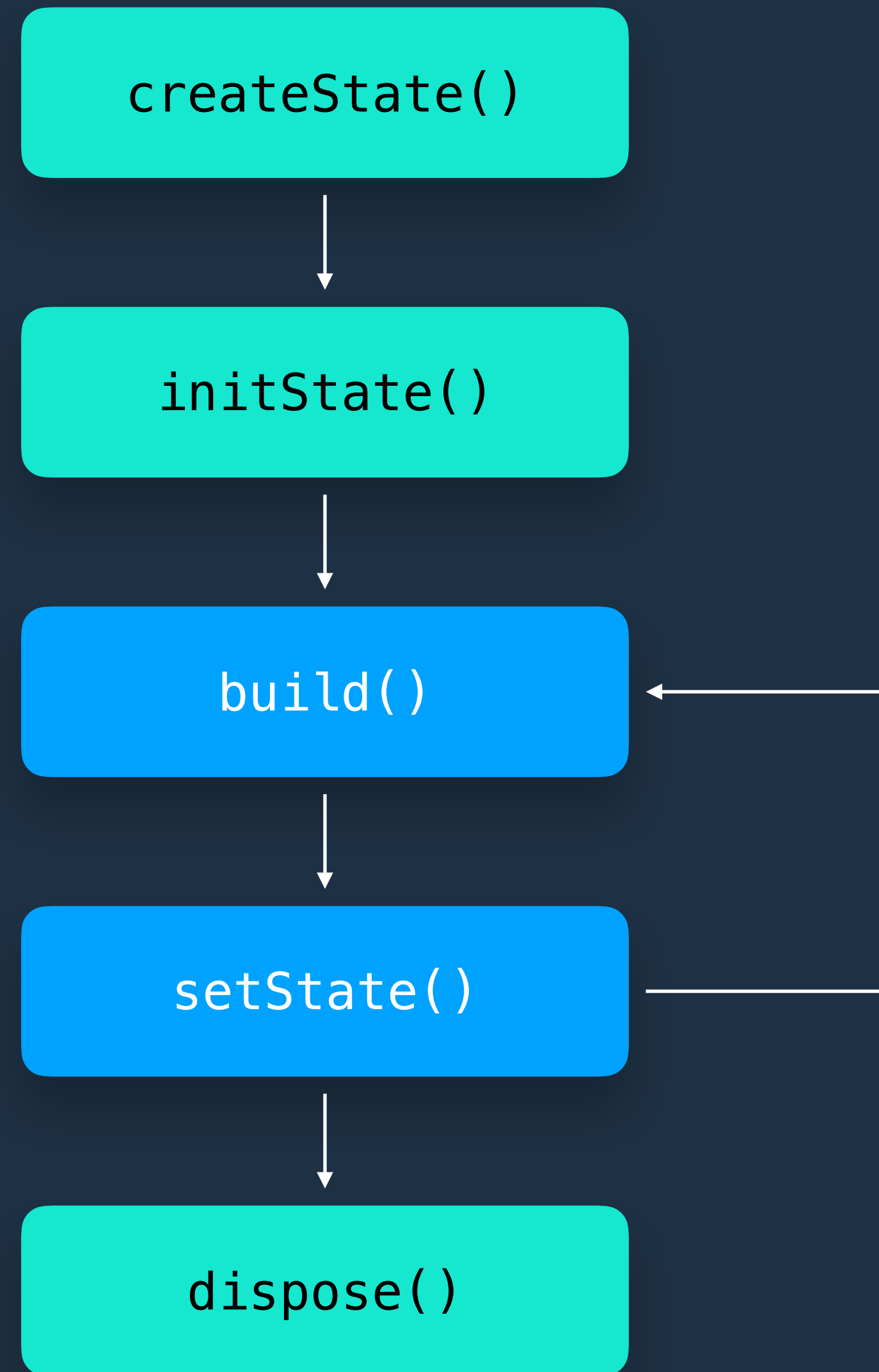
Paradigm



StatefulWidget

Lifecycle

Lifecycle



Hello World

Setup

→ flutter create helloworld

→ cd helloworld

Code

```
helloworld
├── android/
├── ios/
├── lib/
│   └── main.dart
├── test/
└── pubspec.yaml
```

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

void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: "Hello World",
      home: HomePage(),
    );
  }
}

class HomePage extends StatefulWidget {
  HomePage({Key key}) : super(key: key);

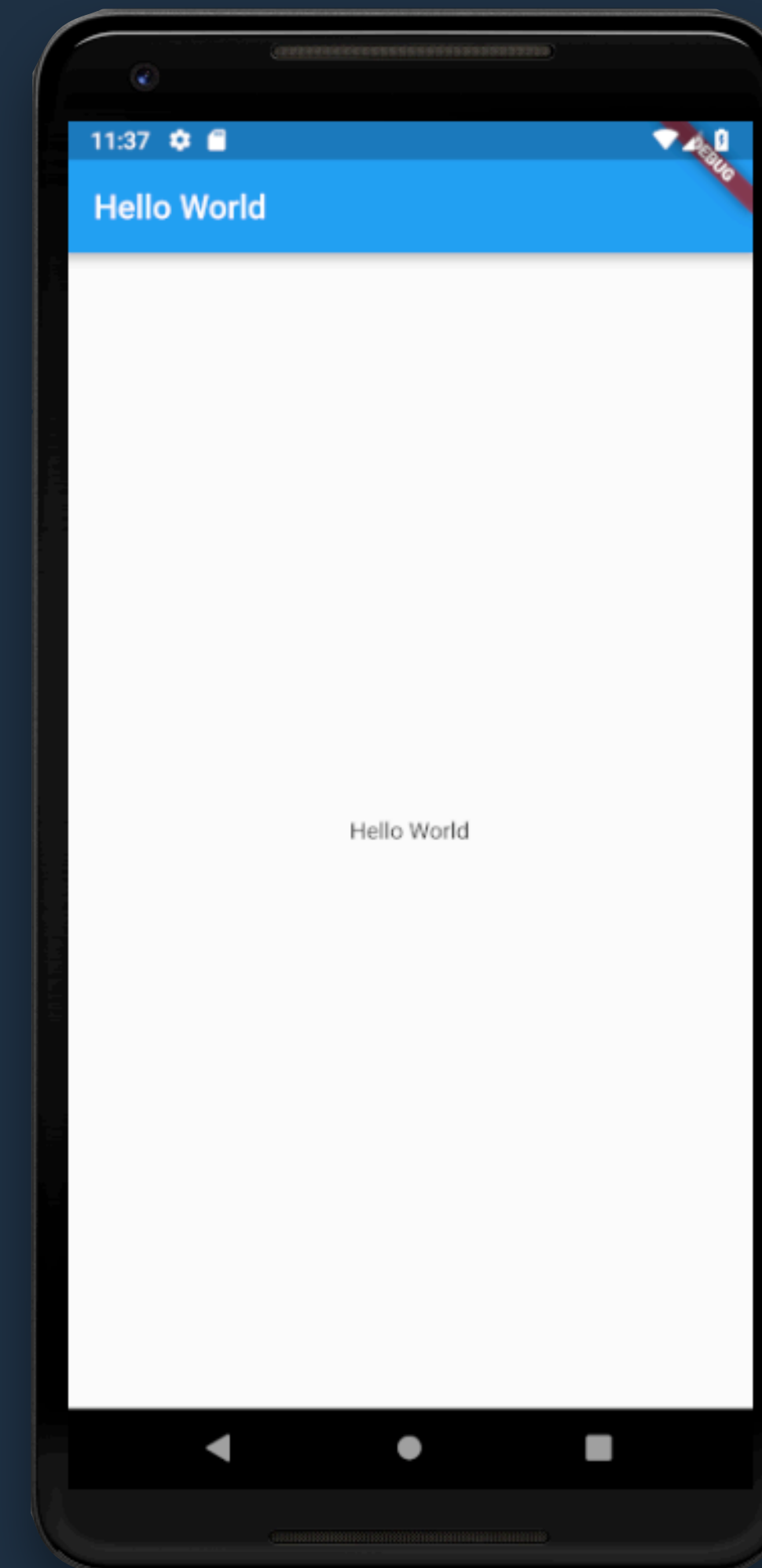
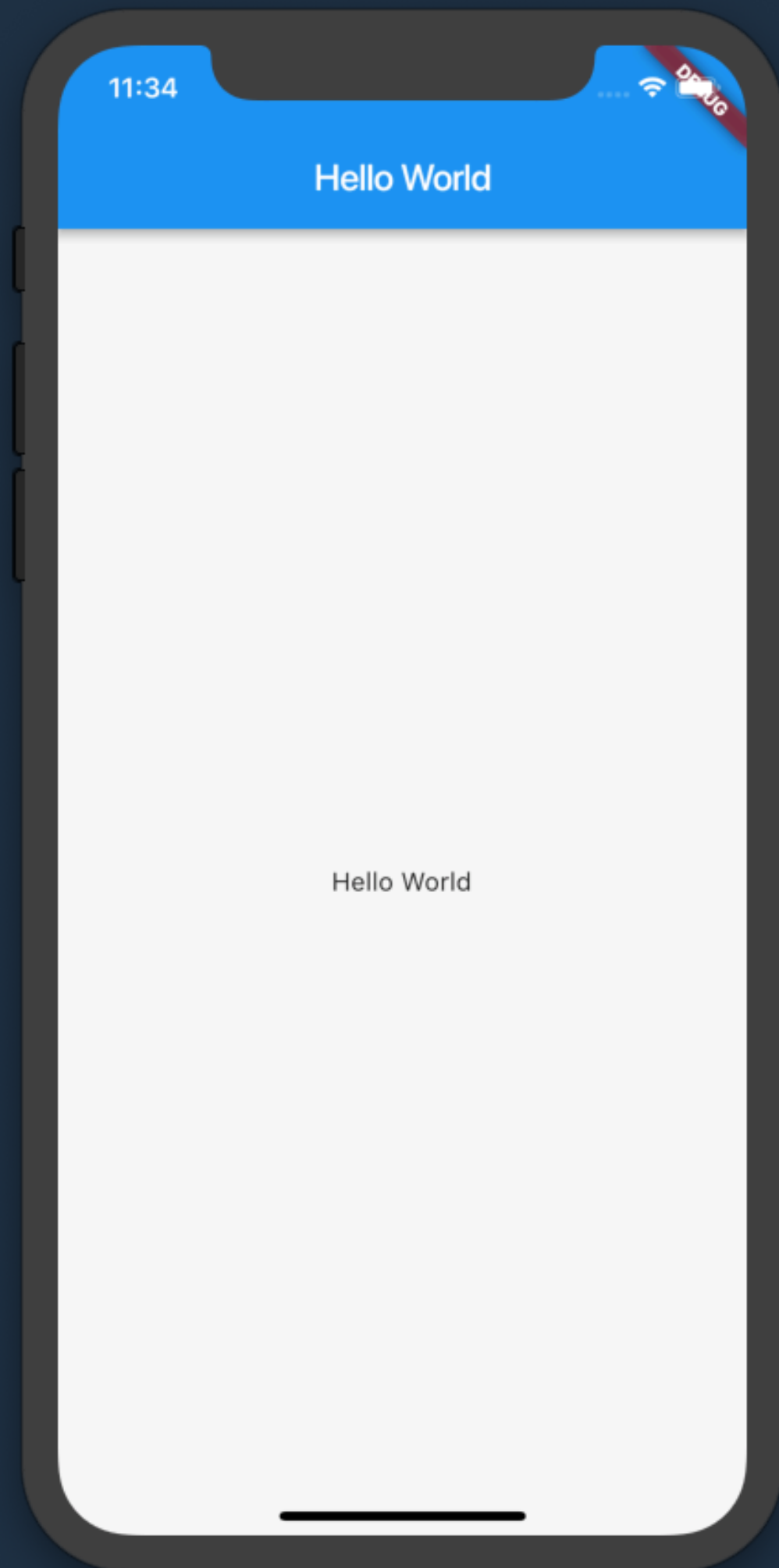
  @override
  _HomePageState createState() => _HomePageState();
}

class _HomePageState extends State<HomePage> {
  @override
  Widget build(BuildContext context){
    return Scaffold(
      appBar: AppBar(
        title: Text("Flutter Demo"),
      ),
      body: Center(
        child: Text("Hello World"),
      ),
    );
  }
}
```

Execution

- `flutter emulators --launch <emulator_id>`
- `flutter run`

Emulation



Live Demo

Live Demo

- `git clone https://github.com/akshathjain/FlutterWorkshop`
- `cd FlutterWorkshop/weatherviewer_boilerplate`

Fin.