



DAY 3 FLUTTER FESTIVAL

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Day 3 FlutterFestivalBootcamp

- Everything in flutter is a widget.
- There are two types of widget-
- -- **Stateless Widget** - Cannot change state(hardcored)
- -- **Stateful Widget** - Can change state

- Flutter support **material component** so we need to add it everytime I.e. import it.

- **StatelessWidget** has a build function.
- Whatever Components we want to show on the screen we write inside build.

- **MaterialApp** is the cover .
- Welcome is the page.
- **Scaffold** is the main drawing area I.e. buttons, text, image, text field.
- Flutter by Default color **blue** alter in theme.
- Modularity of code making different pages.

- **Ctrl S - Hot Reload**
- **Ctrl+Shift+R**
- We need to stop build in andriod. We have Hot reload and Hot restart to overcome this.
- **Hot reload** means the line which changes and executes the nearest build to that line. If we want to see changes in the particular page.
- **Hot restart** starts the execution from main I.e. run full from main.
- By default Scaffold is according to light theme or dark theme.

- Scaffold is a widget.
- Safearea

- **Column** for adding **multiple widgets**
- **body** can have **single widget**

- **stless**--> stateless Widget
- **stful**--> stateful Widget

- **PLAYLIST FOR WIDGET:** <https://api.flutter.dev/flutter/widgets/SafeArea-class.html>

The background is a blue gradient. In the corners, there are white line-art illustrations of circuit boards or neural networks, with lines connecting to small circles.

Thank You