All the flutter apps are built with widgets. Widgets are the building blocks of a beautiful flutter app.

Flutter is a reactive framework. Flutter runs on C++ engine to render UI.

So, in flutter Widget makes UI, UI changes State and State changes UI .

Useful Flutter features:

Hot reload – as you save changes the UI refreshes

Flutter Inspector – View > Tool windows > Flutter Inspector(Also present on right side of code editor) used to see the widget of your app

The “Inspect” button helps to “Inspect element on app”

The bold widgets are the ones create by us

Good coding practice:

Define const keywords if you are sure they will be constant throughout

Organize your code into different files and then import them into different files for use

Code such that the widgets are reusable

Ctrl + Alt + L auto formats your code

If any error click on it & Alt + Enter to solve it or hover over and choose the solution

Widgets:

We can customize our widgets

Use widgets from other packages

Widgets have properties to redesign them and use them efficiently

Widgets can be:

Stateless – immutable widget, all fields are final after creation, not interactive, ex: text, snackbar

Stateful – creates state object, interactive,