

## 1. What's Flutter?

Flutter is a framework from Google that lets me build mobile, web ,and desktop apps using one codebase

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## 2. How does Flutter work on multiple platforms with one code?

Flutter works on multiple platforms by allowing you to write the code once and it automatically translates that code into a native version for each platform Flutter handles the translation to make the app work on all devices

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## 3. What is meant by: directory, package, library, framework, SDK, IDE?

**Directory:** It's the folder where I store my files and sometimes I create subfolders to organize my code

**Package:** This is a collection of ready made code or libraries that I can use in my project

It's like pre built classes or functions that help me do things faster

**Framework:** This is a set of tools and libraries that help me organize and build my app in a structured way

**SDK :**These are the tools I use to develop apps for specific platforms

**IDE :**This is the program where I write my code like Android Studio or Visual Studio Code It helps me write, test, and debug my code

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## 4. What's a Widget?

A widget is like the elements that appear on the screen in an app like buttons, text, or images In Flutter everything you see on the screen is a widget

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## 5. What is state? And what is the difference between stateless and stateful widgets?

**State** is the data that changes while the app is running

**Stateless Widget:** Doesn't change after it's built

**Stateful Widget:** Can change during runtime

