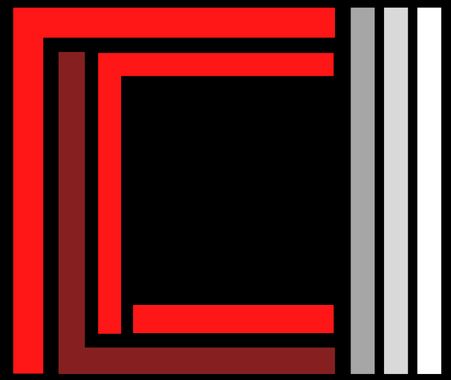
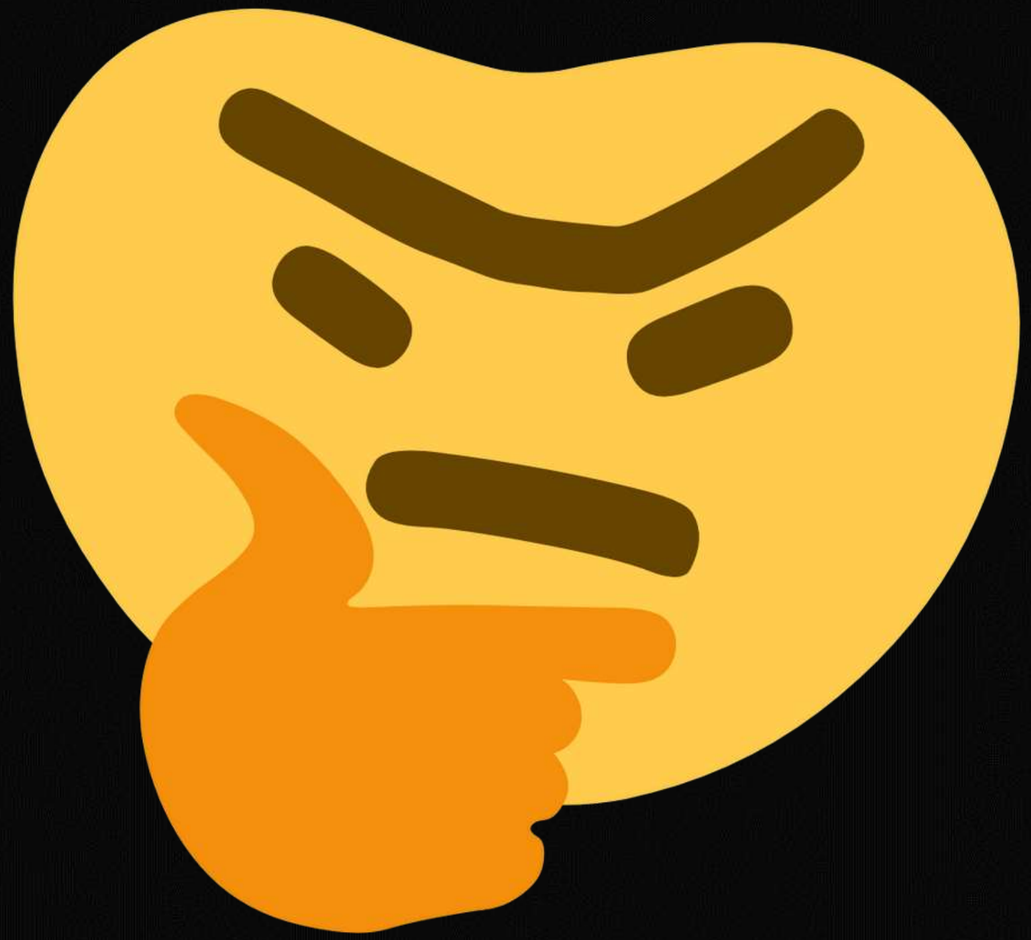


CODEIIEST

Introduction to Development



What is Development?

- Development in general refers to Software development.
- Development refers to the process of designing, programming, documenting, testing and deploying the software.
- Types of softwares: System, Programming, Application

How to get started?

Laptop / Desktop

Fast
Internet

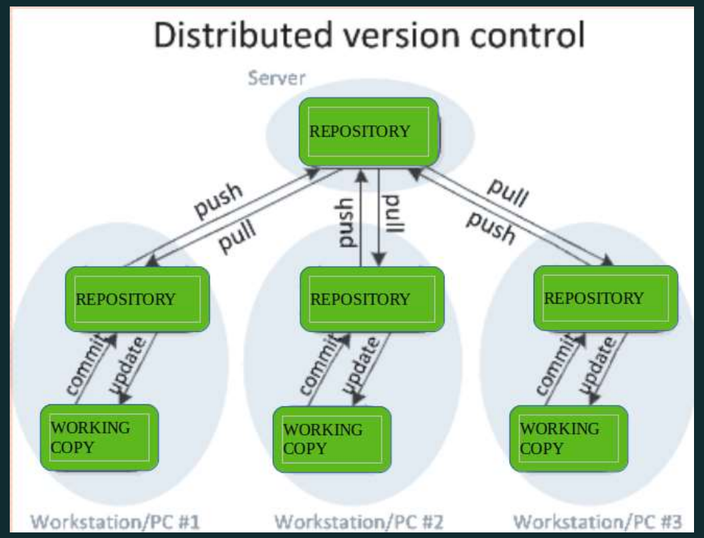
A Long Playlist

How to become good?

Learn the "Art of Googling"

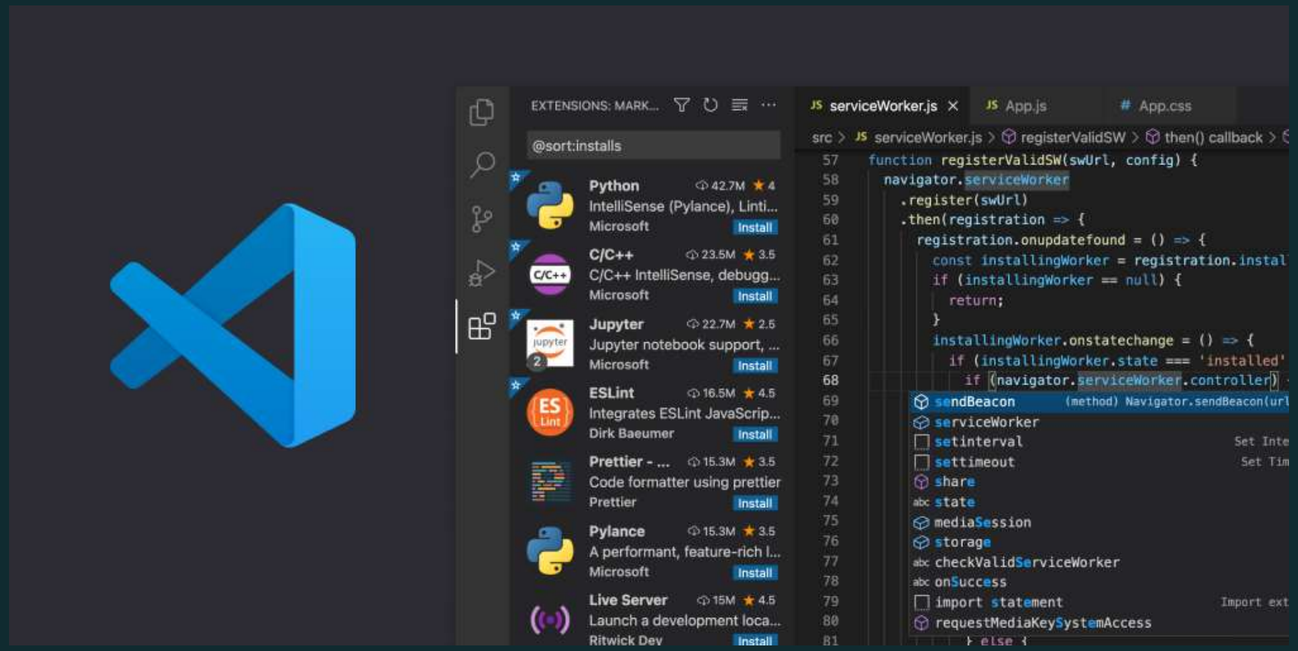
Version Control

- Version control systems are software tools that help software teams manage changes to source code over time.
- Git is one of the most popular VCS. Created by Linus Torvalds.
- VCS helps to collaborate and manage your code base efficiently.
- Provide features like Diffing, Conflict management, Revert, Commits, Branching & Merging.



Code Editor (VS Code)

- Visual Studio Code is a code editor developed by Microsoft which is an open-source software.
- VS Code is one of the most popular code editors available.
- Has it’s own ecosystem of plugins which enable support for any type of coding requirements and file types.



Linux
and it's flavours

- The Linux kernel, started by Linus Torvalds, was released as freely modifiable source code in 1991.
- This software is now the biggest open source software in the world.
- Linux kernel has over 27.8 million lines of code and 12.2 thousand contributors.

- Many different operating system versions are based on Linux kernel.
- Different OS suit different use cases and preferences.

So what OS to choose?

Web Develpment Technologies

Basic

HTML, CSS, JavaScript

Frontend Framework/Library

React, Vue, Angular, Svelte

Backend

Node.js, Flask, Django

Database

SQL (PostgreSQL, MySQL)
NoSQL (MongoDB)

App Develpment Technologies

Android

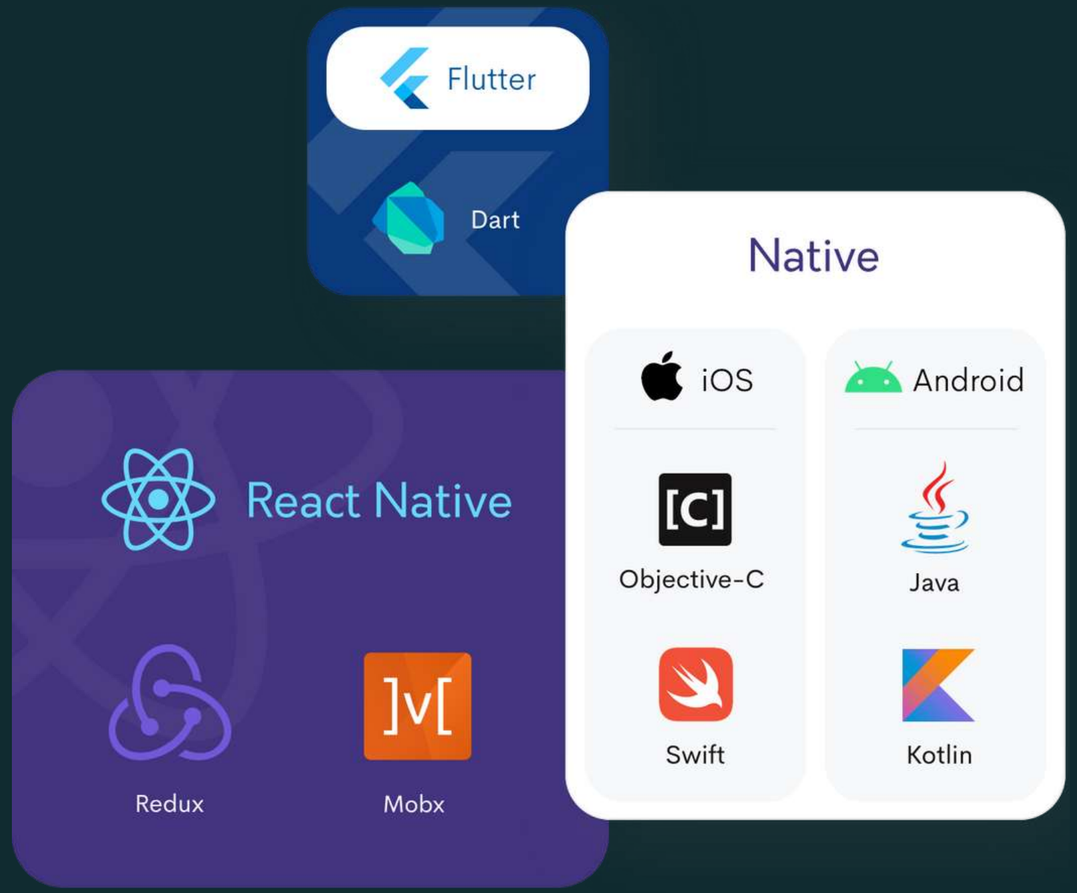
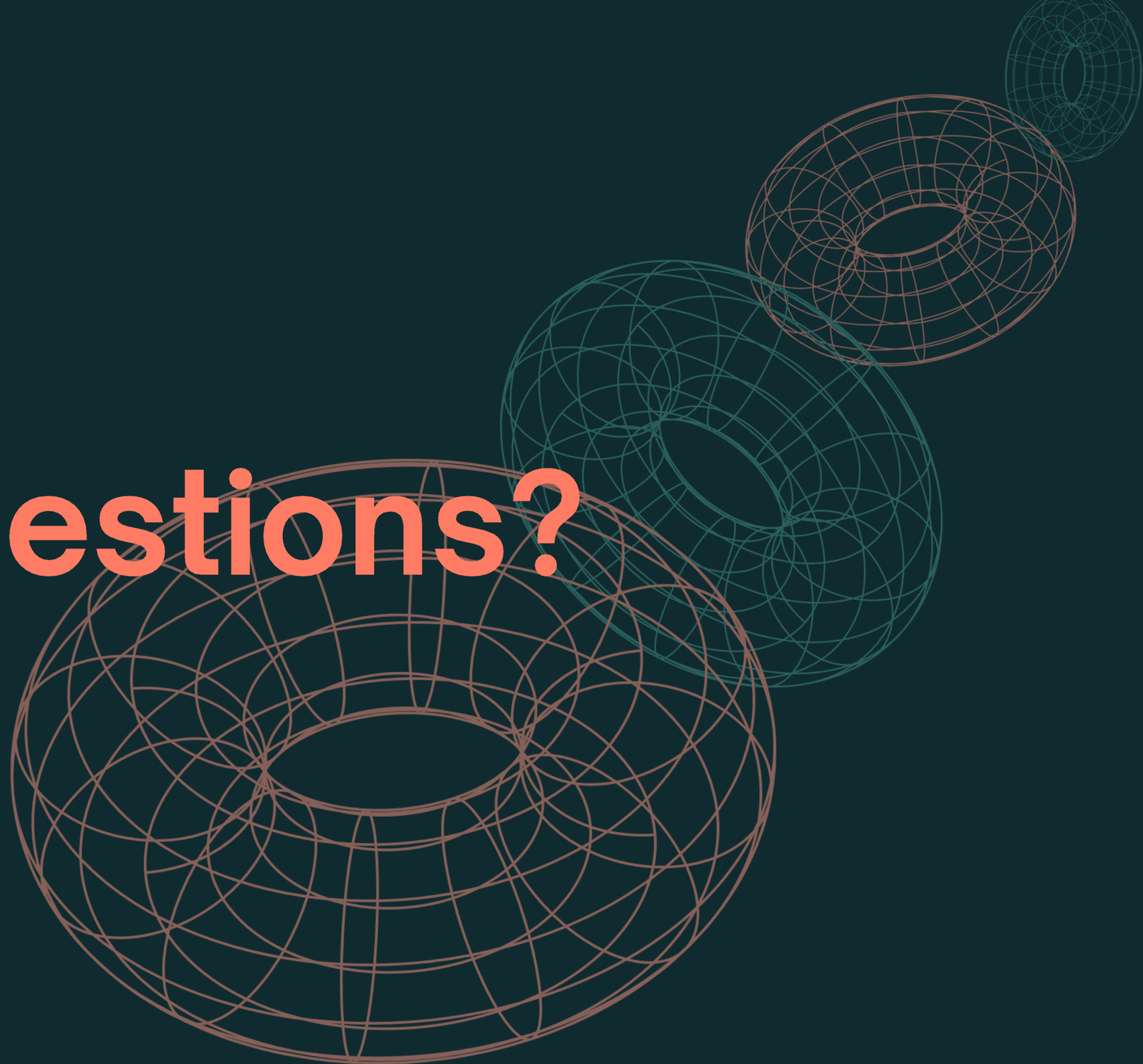
Java and Kotlin are used in native development for Android apps.

iOS

Swift and Objective-C is used in native development for iOS apps.

Cross-Platform

React Native, Ionic, Flutter



Questions?