

SHORT 1 · WHAT IS A PROGRAMMING LANGUAGE?

Learn to talk to computers

With a programming language

A Programming Language Is…



A language with rules (syntax) that we use to give instructions to a computer.

From Idea to App



Idea

Solve a real problem



Code

Write the instructions



Test

Find and fix mistakes (bugs)



App

People use what you built



REMEMBER

Idea → Code → Test → App

NEXT SHORT

The most popular languages



SHORT 2 · POPULAR LANGUAGES

The languages companies use most

And what each one is for

Popular Languages



Python
AI, data, automation — easy start



JavaScript
Websites and web apps



Java
Big companies, Android apps



C#
Windows apps and games (Unity)



SQL
Working with databases



REMEMBER

Each language has its own job

NEXT SHORT

Which one should you learn first?

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SHORT 3 · WHICH ONE FIRST?

Which language should you learn first?

Here's my advice

Start With Python



Simple, readable code and big demand in AI, data, and automation. Free to learn and free to use.

Then Choose Your Path



Web

HTML, CSS, JavaScript



Data & AI

Python + SQL



Mobile

Kotlin (Android) or Swift (iPhone)



IT & DevOps

Linux + Bash + Python



REMEMBER

Python first, then pick your path

NEXT SHORT

Get job-ready



SHORT 4 · GET JOB-READY

Turn code into a job

A simple 4-step plan

Your Plan



Learn the basics

Variables, loops, functions



Build projects

3–5 small real projects



Share on GitHub

Show your code to employers



Apply

Jobs and internships both count

Practice Tips



Code every day

Even 20 minutes helps



Build, don't just watch

Typing code teaches you



Read the errors

Error messages tell you what's wrong





REMEMBER

Projects prove your skills

NEXT TOPIC

Topic 10: Companies that hire