

SHORT 1 · WHAT IS SOFTWARE?

Hardware is the body. Software is the mind.

Let's see how they work together

Software Is…



A set of instructions (programs) that tells the hardware what to do. You can't touch it — but nothing works without it.

Hardware + Software



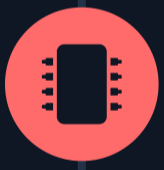
You

Click an icon or press a key



Software

Turns your action into instructions



Hardware

Does the actual work



Result

You see it on the screen



REMEMBER

No software, no working computer

NEXT SHORT

The 3 main types of software

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SHORT 2 · TYPES OF SOFTWARE

3 main types of software

Every program fits into one of them

Types of Software



System software

Runs the computer — Windows, Linux



Application software

Helps you do tasks — Word, Chrome



Programming software

Helps build software — editors, compilers

Think of a Building



System software is the foundation. Applications are the rooms you use. Programming software is the builder's toolbox.



REMEMBER

System · Application · Programming

NEXT SHORT

Free vs paid software

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SHORT 3 · FREE VS PAID

Do you have to pay for software?

Not always!

Ways Software Is Shared



Proprietary

Paid, closed code — MS Office



Freeware

Free to use, code is closed



Open source

Free, open code — Linux, LibreOffice



Online (SaaS)

Runs in the browser — Gmail, Docs

Stay Safe



Download software only from official websites or app stores. Cracked software often hides viruses.





REMEMBER

Free and open source can take you far

NEXT TOPIC

Topic 4: What is an operating system?