

SHORT 1 · WHAT IS AN OS?

# The most important software on your computer

*It starts first and runs everything*

# An Operating System Is…



The main software that manages the hardware and lets you run programs. Without an OS, a computer can't be used.

# The OS Is the Middle Manager



## You

Ask for something



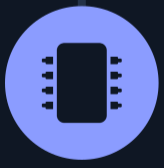
## Application

Sends the request



## Operating system

Decides and controls



## Hardware

Does the work



REMEMBER

# Apps talk to the OS. The OS talks to hardware.

NEXT SHORT

5 jobs your OS does

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SHORT 2 · WHAT AN OS DOES

# 5 jobs your OS does every second

*Quietly, in the background*

# Jobs of the OS



## Process management

Shares the CPU among programs



## Memory management

Gives RAM to each program



## File management

Organizes files and folders



## Device management

Talks to keyboard, printer, USB



## Security

Users, passwords, permissions



REMEMBER

# Processes · Memory · Files · Devices · Security

NEXT SHORT

**Popular operating systems**

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SHORT 3 · POPULAR OPERATING SYSTEMS

# Which OS do you use?

*Meet the most popular ones*

# Popular Operating Systems



Windows



macOS



Linux



Android



iOS



ChromeOS

# Which One to Learn?



## Windows

Used in most offices



## Linux

Runs servers, cloud, and IT systems



## Android

Most phones in the world



## Tip

Learn Windows + Linux for IT jobs





REMEMBER

# Know Windows. Master Linux.

NEXT TOPIC

**Topic 5: What is networking?**