



OPERATING SYSTEM

: THE BRAIN OF EVERY
COMPUTER






OPERATING SYSTEM (O.S)

All devices that have screens or runs on electricity all need a operating sytem . Weather its your phone on your hand or the TV that you watch news on or even the car that you own . your interacting with a operating system (O.S). it is one of the most important parts of any computing device . But many people still havent realize How much importance an O.S holds

Lets Explore what an operating system is, how it works and why it matters.





WHAT IS AN OPERATING SYSTEM?

An Operating System (O.S) is the software that acts as an interface between the computer hardware and the user. In simple terms, the OS is the bridge between you and your machine. It helps your apps talk to your hardware and keeps everything organized so your device doesn't turn into digital Disfunction

Think of it like its a brain of a Computer





WHAT DOES O.S DO?

- Juggles between all your apps simultaneously
- Managing memory
- Keeps track of files
- Communicate between devices
- Gives a User-Friendly Interface
- And even more.....



DIFFERENT TYPES OF OPERATING SYSTEMS

| TYPE | WHERE YOU'LL FIND IT | EXAMPLES |
|--------------------|-----------------------------------|---------------------------------|
| DESKTOP OS | LAPTOPS & PCS | WINDOWS, MACOS, LINUX |
| MOBILE OS | SMARTPHONES & TABLETS | ANDROID, IOS |
| SERVER OS | WEB SERVERS & BUSINESS SYSTEMS | LINUX SERVER, WINDOWS SERVER |
| EMBEDDED OS | SMART GADGETS, CARS, ATMS | RTOS, EMBEDDED LINUX |
| DISTRIBUTE D OS | DATA CENTERS, CLOUD SYSTEMS | GOOGLE FUCHSIA, HADOOP YARN |





POPULAR O.S SYSTEMS

- WINDOWS
- macOS
- Linux
- Android
- IOS








WHY EVEN CARE?

Knowing a bit about operating systems helps you:

- Pick the right device for your needs.
- Troubleshoot basic tech issues.
- Understand how your favorite apps and games work.
- Stay safer online by learning what's under the hood.

Plus, if you're curious about tech or want a career in it, understanding operating systems is step one.





CONCLUSION

The next time you open your laptop, tap your phone, or even use a smart fridge, remember: there's an operating system quietly working behind the scenes. It doesn't get the spotlight, but it's the real MVP making your digital life possible.

Whether you're a casual user or a future computer scientist, getting to know your OS is like getting to know your car's engine—it just makes sense.



THANK
YOU

