

What is an OS?

- Resource management
 - ↳ power, memory, etc....
- User interface.
 - ↳ windows (GUI)
 - ↳ way for an operator to tell the machine what to do
- a piece of software → code
can be built upon. → libraries
- Security
 - ↳ privileges to users
 - ↳ securing itself

Responsibilities of an OS.

→ Abstraction

↳ common library of functionality

→ be able to run more than one thing at a time

→ scheduling → be able to run the next program

→ allocation → be able to add more hardware.

→ handle many people using it at the same time

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→ interactivity (user interface) ???

→ resource management (memory)

→ persistence → be able to store things electronically.