Presentaciones.

Alan

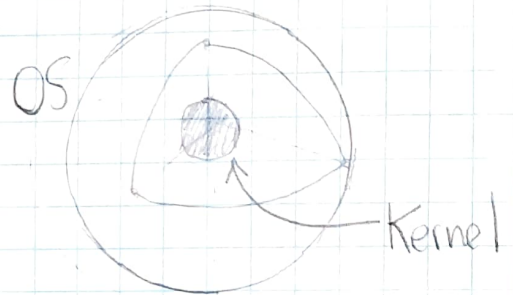## What is a kernel and its modules?

It's a collection of software modules that run in a priviliged way, they have full access to system resources. It decides which application can use a hardware device and for how long

A kernel is usually in charged of:
- Handling interruptions.
- Support for memory allocation and release
- Support for the file systems.
- Communication between processes.

OS

Kernel

Rafa

What is a CPU and how it works and relation with OS?

CPU stands for Central Processing Unit.
- It processes the data and produces output.
- It runs the OS, constantly receives input.
- Contains at least one processor, it's now possible having multiple processors (dual, quad, octa)

CU is an integrated circuit in a processor that controls the input and output.

control unit.

It receives instructions and passes it to the arithmetic logic unit (ALU)

Other components.

FPU In charged of floating point calculations.