

Tarea 1

— Investigación

Tarea 2

mini-proyecto

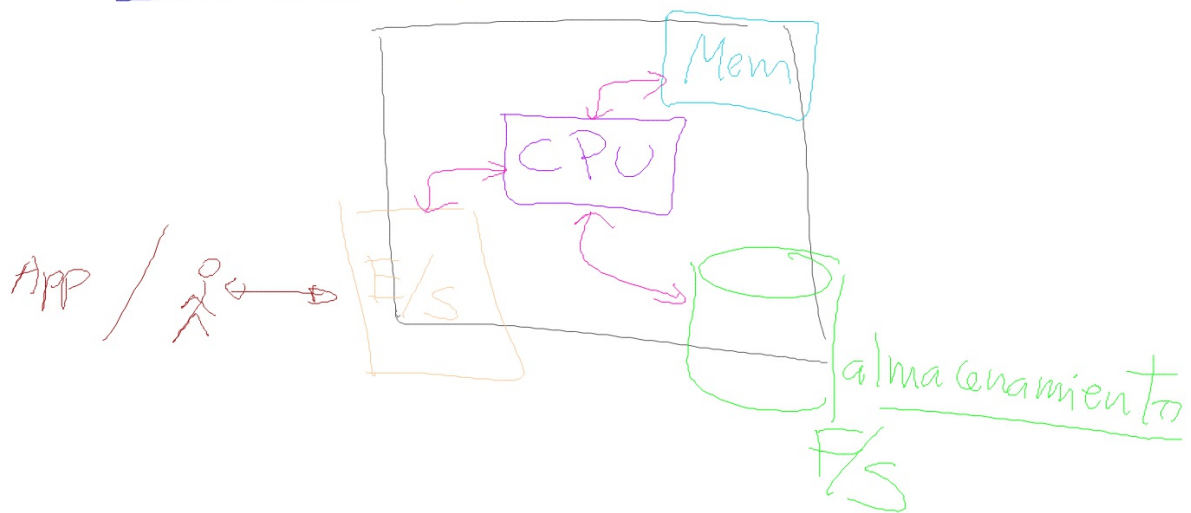
→ tema → investigar

Lectura

Cap 1 y 2

W. Stallings

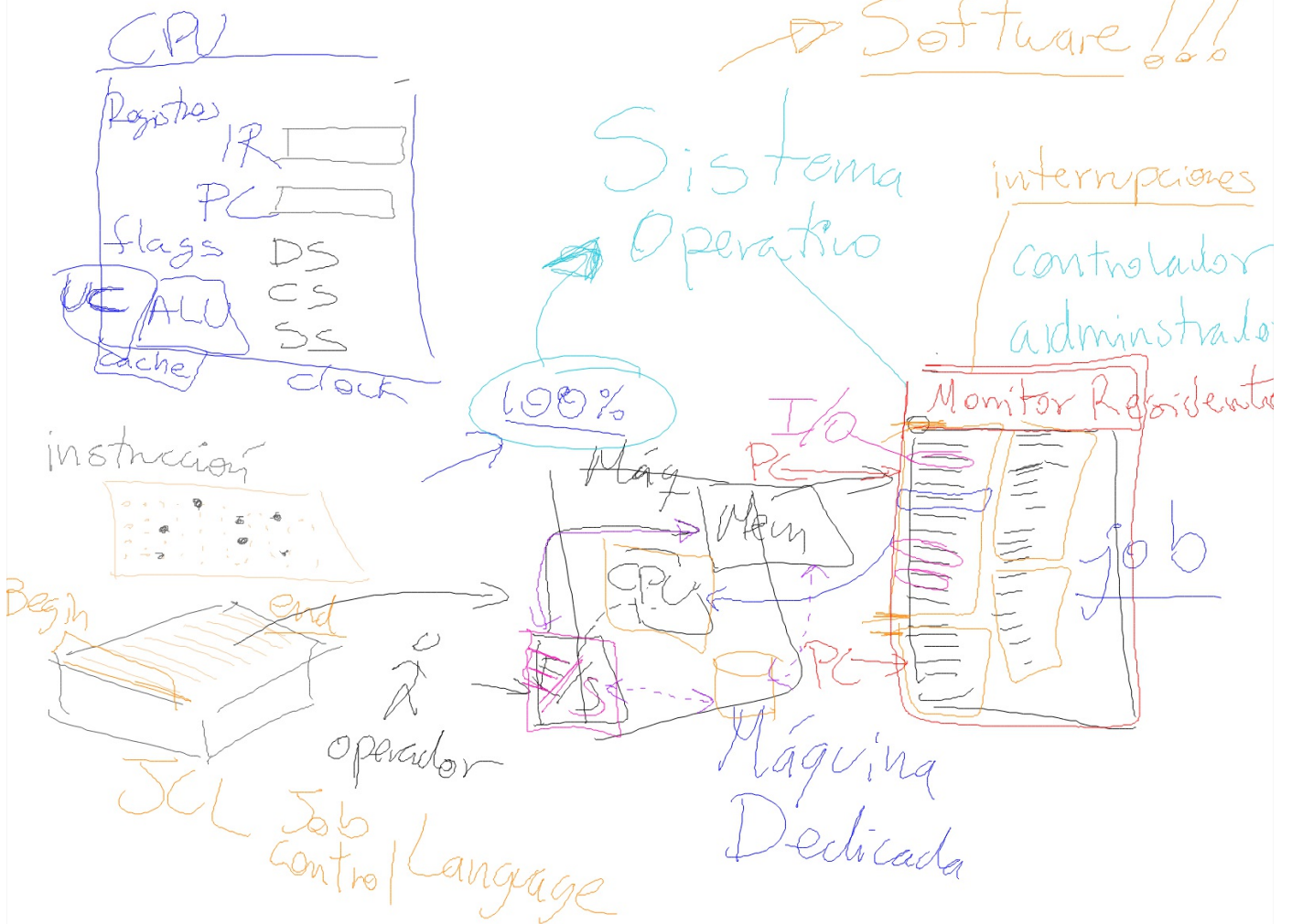
Computadora



Software!!!

Sistema Operativo

interrupciones
controlador administrador



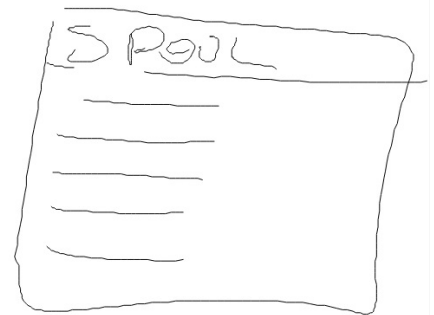
SPOOL

Simultaneous
Peripheral
Operation
Off
Line

DMA

Direct Memory
Access

→ Cola
de
impresión



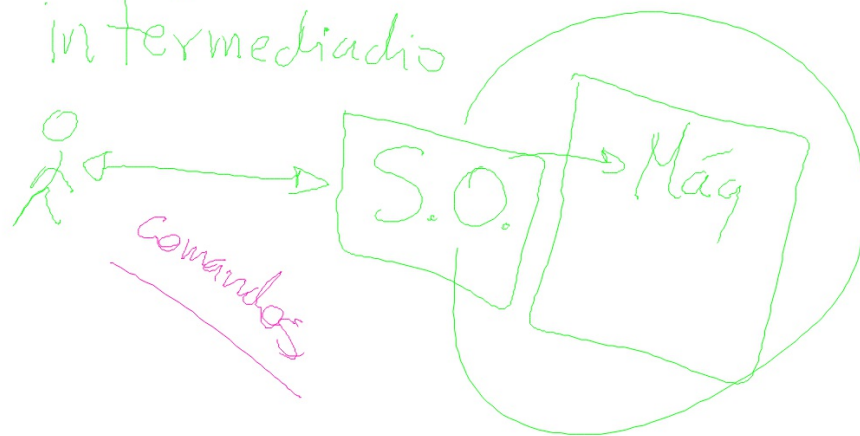
JCL → Shell

- textual
- gráfico
- sensorial

↓
programa

↓
intérprete de comandos

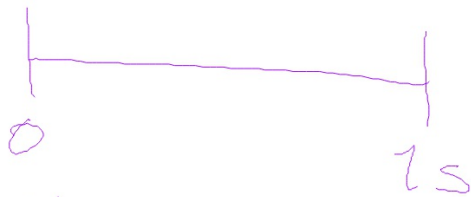
↓
intermediario



multitasking

Cambio
de
contexto
de CPU

control de tiempo



$1/1000 \rightarrow 1\text{ms}$

$10\text{ms} \times \text{proceso}$
 $100 \rightarrow \underline{1s}$

H_2
A sine wave oscillating between two horizontal levels, starting at the lower level at '0' and ending at the lower level at '1'.

100 Hz

1 GHz

1×10^9 mil
millón

3 GHz

↳ clock

programa
en ejecución

top500.org

CERN

NASA

