# PROCESS MANAGEMENT

INTERVIEW PREP | ONLINE | CODING BLOCKS

#### WHAT IS A PROCESS?

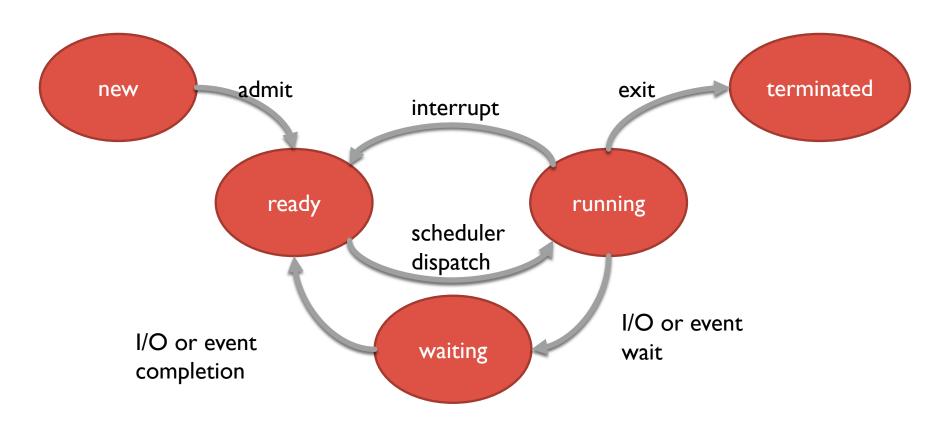
- Source Code
- Program
- Process

A process is a program in execution

#### PROCESS ARE LIKE HUMANS

- Processes are generated
- The have a life and a lifecycle
- The can generate one or more children
- The eventually die

### PROCESS LIFECYCLE



## PROCESS CONTROL BLOCK

process state

process number

program counter

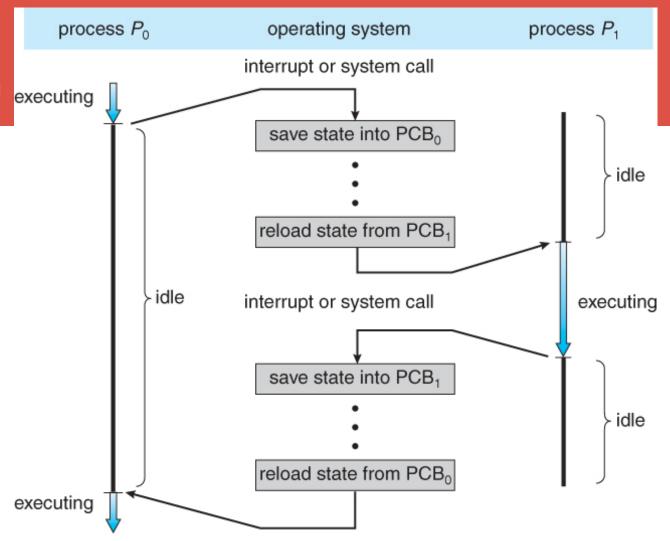
registers

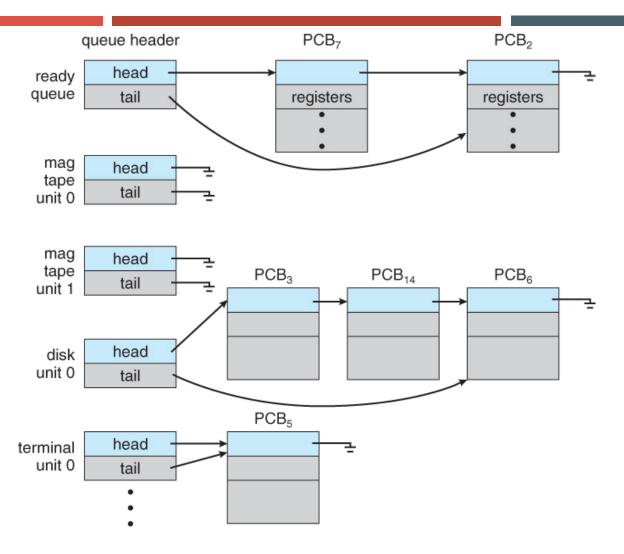
memory limits

list of open files

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# PROCESS SWITCHING executing





#### PROCESS QUEUES

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