## \* Load averages

- -> The load average is the average of the load number for a given Period of time.
  - -> It takes into account process that are:
- · Actively running on a cry.
  - · Considered runable byt waiting on

    the run queue for a cry to

    become quailable.
    - . Sleeping: waiting for some kind of resource 1 typically, I/o)
      to become available.
  - -> The load average can be viewed by running witor or uptime.
  - \* Interpreting load Averages.
  - -> The load average is displayed using three numbers (0.45, 0.17, 0.12)
    - -) Assuming our system is a single cipy system. the three load average numbers are interreted as follows.

- · 0.45: For the 195t minute the system has been 45%. Utilized on average.
  - · 0.17: For the 19st 5 minutes utilization has been 17%.
    - · 0.12: For the 19st 15 minutes utilization has been 1211.
- -) If we saw a value of 1.00 in second

  Position, that would imply that single-cpy

  system was 100% utilized on average over

  past 5 minutes.
- -) If we had more than one cry, sat a grad cry sistem, we would divide the load average number by the number of crys.

load avg

- -> Short term increases are usually not a problem. A high peak you see is likely a burst of activity not a new level.
- -7 For Example at Start UP, man' Process Start
  and then activity settles down, If a
  high peak is seen in the 5 and 15
  minute rapid and 11th may be cause of lung

## \* managing Tobs

- -) The Jobs command displays all Jobs running in background.
- -) The display shows the Job ID, state
  - -> 1065 I Provides the same information as 1065 and adds the PID of the background Jobs.
  - to the terminal window, so if

    you log off the Jobs command will

    not show ones started from that

    window.