CSGE602055 Operating Systems
CSF2600505 Sistem Operasi
Week 08

Rahmat M. Samik-Ibrahim

University of Indonesia at Lenteng Agung

http://rahmatm.samik-ibrahim.vlsm.org/

REV06 14-Nov-2016

Agenda

Week 08: Scheduling

- Reference: (OSCE2e ch6) (UCB 9/10) (UDA P3L1) (OLD 05)
- Scheduling
    - Basic Concepts
        - **WARNING:** It's just a BURST
        - IO Burst
        - CPU Burst
        - CPU Burst vs. Freq (OLD)
    - Utilization, throughput, {turnaround, waiting, response} time.
    - (Burst) Algorithm
        - FCFS
        - SJF
        - RR
        - Priority
        - Multilevel Queue
    - Thread
    - MultiCore/ MultiProcessor/ MultiThread
        - affinity
        - load balancing
    - Soft/ Hard Real Time

Sockets

- Sockets
    - `atoi()`
    - `accept()`
    - `bind()`
    - `connect()`
    - `exit()`
    - `fprintf()`
    - `getenv()`
    - `gethostbyname()`
    - `htons()`
    - `listen()`
    - `memcpy()`
    - `memset()`

Sockets

- Sockets
  - perror()
  - sizeof()
  - socket()
  - snprintf()
  - strchr()
  - strcmp()
  - strncpy()
  - strlen()
  - read()
  - write()

- client
- server
- client-server

The End

- This is the end of the presentation.