[Pre-lecture Assignment#4]

- **Reading 1:** Read Sections 5.1.2 CPU Scheduler, 5.1.3 Preemptive and Nonpreemptive Scheduling, 5.1.4 Dispatcher (page 201-204). Note that reading assignments may appear in next week discussion or quiz.
- Video Lecture 1 (Around 30 minutes): CPU Scheduling

https://core.ewha.ac.kr/publicview/C0101020170327151556728127

- <u>No</u> submissions. However, pre-lecture assignments, as well as slides, class discussions, programming assignments, and textbook contents covering last week's lecture may appear in your next quiz.

CPU and I/O Bursts in Program Execution

क्रिक्सिक (श load store add store read from file CPU burst 1. CPU = 9~24 KZ I/O = alth. walt for I/O 1) burst 2. I/O를 골라라 Ham CAV를 सम्भुष्ट यास्त्राम् यहना Store increment Index write to file 360/2/24=? CPU Burst Walt for I/o HO burst

CPU Buss Time #7 Acquercy HO bond dob (I/O = 2/7 d/z I3MD) Hyperexpoential distribution CPU bound with (CPUZ 921 45 IZMIL) burst duration (milliseconds)

두 iob이 동네이 CPU를 보겠는다면?? 무엇을 먼거 돼야할아?

les I/O bound dob

왜? 길만인 주면 되내! 그리고 CPU bowl Job는 CPU를 좀 늦게 즐리고 3세서 크게 달라고(기 방문다. 그리고 CPU bowl Job는 근반지리면 I/O device도 같이 들게 된다

Mony short CPU bursts. CPU bursts. I/Oal AZO A Sed State

· CPU-bound process

New, very long CPV buses ZM, 52m 29/48/2 10

CPU scheduler

- Ready NEWO ISMI FORM OF COVOIZ ISMING ISON

Disparcher

- CPUEN MOSSES CAN equapment or elsin Fred E ISMITONIA FISICI
- Of Contert suitch 212861.

CPU scheduling & olim Frall!

7/25 High: monpreemptive

spuls mulose: breembure

- 6 Running -> Blocked (I/O request)
- 2. Running > Ready (Honer Interrupt)
- 3. Blocked + Ready (I/O request complete)
- 4. Tempato

Scheduling criteria - 45 45

CPU utilization (olge)

→ CPU를 अध्यही 924 सहुराय कि

Throughput (>12128)

→ शुक्ष निर्मिश्च CANT अवस्य मडमार रेम. म

Turnaround time (EBM2 43472)

TO (CPV = 7/02/ 4/2L

→ CPU burst र अधिर र व्याम्स मा० burst र अश गणाय देश पर

Waiting time (CHTM7)

-> EZMINT Ready quoue our CPUZ MENT PRIN 7142 HZ

Response time (== 1472)

→ CPU है स्टब्स ह्लाबास. CPU है सुआड़ स्लामान युरा भए