Ord

Jam

1) Precaption is Non-frecaptive

Process A Process B-Process A

precupted precupted

B

Process - Concurrency
Two or mure processes.

could together

Program Centinum

Create

Jone more

programs

Greate other

process

Concurrency

Continuum

Process

Concurrency

Concur

Process - Begin -Lite cycle Czestin / I/2 1/2/0 uses Mem Usage appl apply buscon promoer How the system tracks/maintains information about porcen? - Data Streetine - Process

Information

Needed to contact | Block (PCB)

The present execution | TCB / JCB

PCB - Procen ID (PID) Identiate - Perrent porcer In (PPID) into. - Puran for a spenfe vous

Resource into must (DEC) CPU into . - coo registers (PC).. - location - proven execution intermo of inst. La schoduling - order of Men veage ,- locati g pronen Secondary ato rage wage .. I/o denien ... Ru - used opened --For every pourer - PCB

Procen Constin - how? System call privleged

forker privleged

(Not in veer

mode) initiated Kalled mode result mode System case (ver more) - Prozen Creatin

Promen A pour maines - Powert - Different tren child precen

Hello word in); fork 17; ponto (" Hellow and 1. Hello word, Hello world. Aclo Word & Proces Scheduling ticulo work 1

Poned Pru A fracco mainly L! 5 LOC c. force) forcett in pomen A) The ! I below force - one only semaining frequents) Prome A Prome B copy - how 13 lines comments - 7 lines fork () -return (PID) status it (bid) cyry -code. H-..else

H (PID) C1 6 11. 12. child. pmen A Pom B 1-6-8-10 11-13 - Inoke me apply for motor Eyston call