CSE 3320 9.30

Assignment 2:

- Creating process
- Create to allow parallel
- Fork and exec to clone (2,4,10)
  - Try 2, 4, 10 processors
- Multithreading (Part 2)
  - Pthread/javathread
  - Ps, talk

UNIX

- Multix
- PL I and took ideas from Multix
- ATT->BSD->Novell->BSD->Minix->Linux
  - Similar but not compatible
- Hierarchial File System
  - Subdirectories
- Separate Shell
- High Level Langugae (C)
- Multitasking
- Configurable
- Everything looks like a file
- Simple Model

User View:

- Hierarchial File System
- Multi processing
- Usr pick shell
- IO redirectories

  - Man(ual)
  - Help?

- A.out|b.out|c.out &
  - Takes input pipes over
    - (TRY) a.out>tmp<tmp

[Restroom Break:: Check Recording- part 2]

Multiple Processors/ Multi. Cores

SMP:

- Multiple CPU becomes ineffieient (Shared/Symmetric Memory Processor)
  - CPu getting data all the same time
  -

Cross Arm Switch Model

Multi CPu and multi core treated the same

- Multiple CPU and Core can be on the same MB