

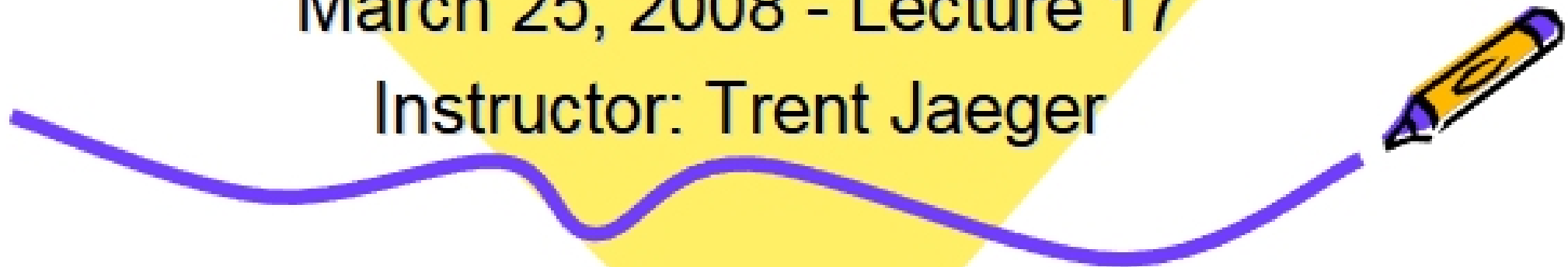


# Operating Systems CMPSC 473

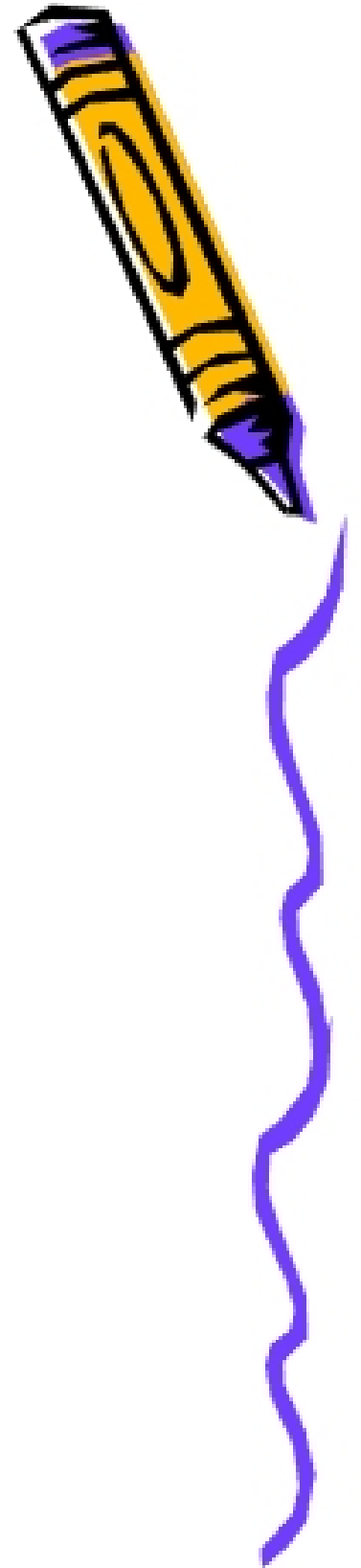
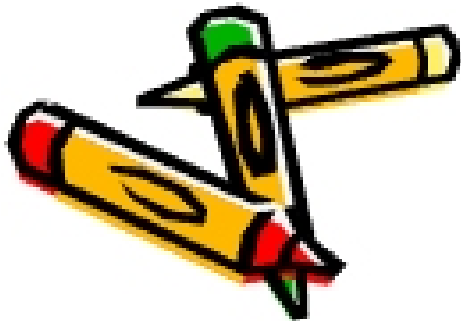
Virtual Memory - Multiprogramming

March 25, 2008 - Lecture 17

Instructor: Trent Jaeger



- Last class:
  - Virtual Memory
- Today:
  - Virtual Memory Uses



# Efficient Use of Physical Memory

- Through virtual memory...
  - N  $2^{32}$ -sized address spaces
  - All isolated by default
- Uses for memory
  - Make a new process
    - Address space
  - Make an IPC
    - Or a cross-address space call
- Challenges in memory use

