



Operating Systems CMPSC 473

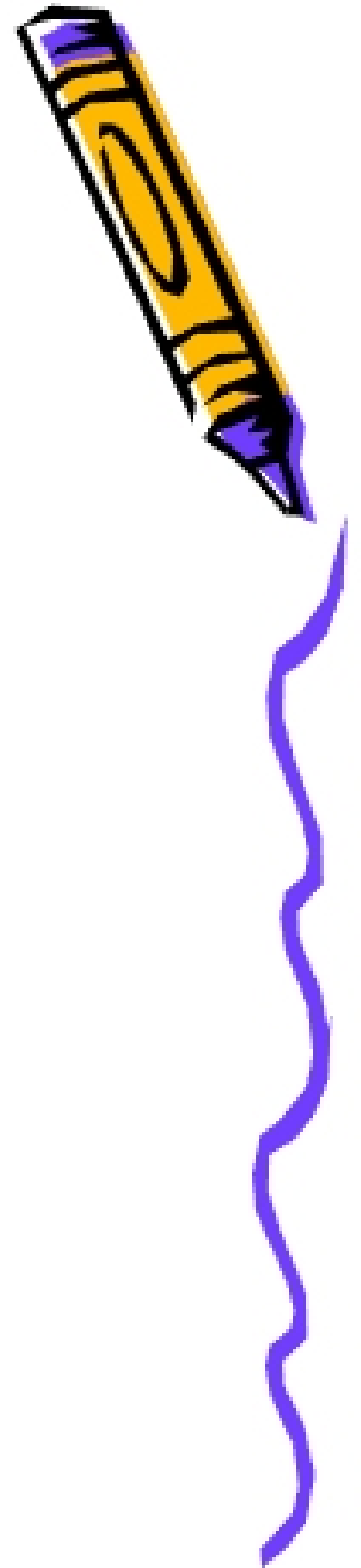
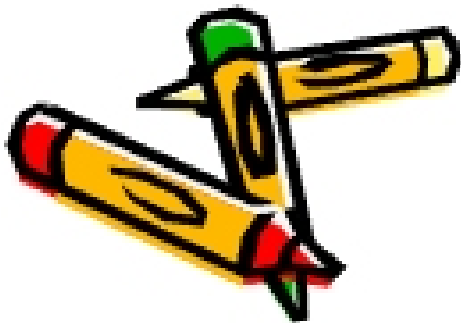
Virtual Memory

March 19, 2009 - Lecture 16

Instructor: Trent Jaeger



- Last class:
 - Paging
- Today:
 - Virtual Memory



Virtual Memory

- What if programs require more memory than available physical memory?
 - Use overlays
 - Difficult to program though!
 - Virtual Memory.
 - Supports programs that are larger than available physical memory.
 - Allows several programs to reside in physical memory (or at-least the relevant portions of them).
 - Allows non-contiguous allocation without making programming difficult.

