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Team #15

Lab 2 - Writeup

Files Changed

- lab2_test.c
  - Added this file to the directory and changed wait(0) to wait()
- proc.h
  - Added int priority field to the proc struct
- Makefile
  - Added _lab2_test\ to the UPROGS
- syscall.c
  - Added extern int sys_setpriority(void) and [SYS_setpriority] sys_setpriority to the system call list
- syscall.h
  - Added #define SYS_setpriority 22, defining the new system call
- sysproc.c
  - Added sys_setpriority function definition to take in an integer argument
- usys.S
  - Added SYSCALL(setpriority) to file
- proc.c
  - Set default priority value to 10
  - Implement setpriority function
  - Modify scheduler function to look for highest priority value before running a specific process
- defs.h
  - Added setpriority function definition
- user.h
  - Added system call for setpriority