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Team 52

Lab 2 - Writeup

Files Changed

- Makefile
  - Added test2 as a command to be used in terminal

- Defs.h
  - Declared function changepriority so it can be shared in other files

- Proc.c
  - Added set initial priority of 10 (p->priority = 10) in allocproc function
  - In scheduler function
    - For loop to search for lower priority so it can be set to current priority
    - For loop to check if lower is not equal to current priority and current is greater than 0 then make current its lower
    - Increase priority level after all that
  - Added changepriority function.
    - Lower priority is passed in here so it can be switch to main priority
- Proc.h
  - Added int priority so p struct can use in proc.c

- Sysproc.c
  - Added sys_changepriority function and defined. If no system call on stack exists, return -1. Otherwise return changepriority functions with new_priority as populated

- Test2.c
  - Test2.c file added
  - Changed exit() to exit(0)
  - Changed all setpriority functions to changepriority

- User.h
  - Added changepriority function to be shared in other source codes

- usys.S
  - Added additional syscall changepriority