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Team#14

Lab Assignment 2: Priority Scheduler Writeup

- **Makefile**
  - Added _lab2_test\ executable to allow testing for our functions in line 184
- **defs.h**
  - Added setpriority(int) in line 124
  - Added getpriority(void) in line 125
- **lab2_test.c**
  - Added test file to check if priority scheduling is implemented correctly
- **proc.c**
  - Modified allocproc() to add default priority value of 10 in line 92
  - Modified scheduler to update priority of processes through each run
  - Added temp process p1* and high_priority* to update and implement priority scheduling
  - Added setpriority and getpriority in lines 439 & 452
- **proc.h**
  - Added int status in line 52 to PCB
  - Added int priority in line 53 to PCB
- **syscall.c**
  - Added set priority system call declarations
  - Added get priority system call declarations
- **syscall.h**
  - Defined set priority system call
  - Defined get priority system call
- **sysproc.c**
  - Added sys_setpriority call with arguments in line 50
  - Added sys_getpriority call with arguments in line 58
- **user.h**
  - Added setpriority in proc.c section line 27
  - Added getpriority in proc.c section line 28
- **usys.S**
  - Added system calls setpriority and getpriority in lines 33 & 34