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Team 52

Lab 1 - Writeup

Files Changed

- Makefile
 - Added test as a command to be used in terminal
- Defs.h
 - Declared function waitpid so it can be implemented in proc.c
 - Modified wait parameter to int* to take in status pointer in proc.c
 - Modified exit parameter to int to in status value in proc.c
- Proc.c
 - Changed exit parameter to int to accept status value
 - In exit function, get status of curproc
 - Changed wait parameter to int to accept status pointer
 - In exit function, attach status variable to p->exitstatus and set as 0 so it is known zombie does not exist
 - Defined waitpid function. Same as wait. Only modification is checking if pid passed in is equal to pid the function is currently working with to see if it should wait or continue.
- Proc.h
 - Added exitstatus so p struct can use in proc.c
- Sysproc.c
 - In sys_exit, variable needs to be filled so use argint to populate. If no system call on stack exist, then return -1.
 - In sys_wait pointer needs to be filled so use argptr to populate.
 - Added sys_waitpid function and defined. If no system call on stack exists, return -1. Then return waitpid
- Test.c
 - Test.c file added
- User.h
 - Modified exit parameter to int
 - Modified wait parameter to pointer
 - Declared waitpid function
- usys.S
 - Added additional syscall waitpid