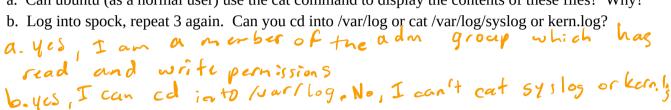
Some items are just check-points, other items have written answers. Refer to the "A Simple System Call" assignment.

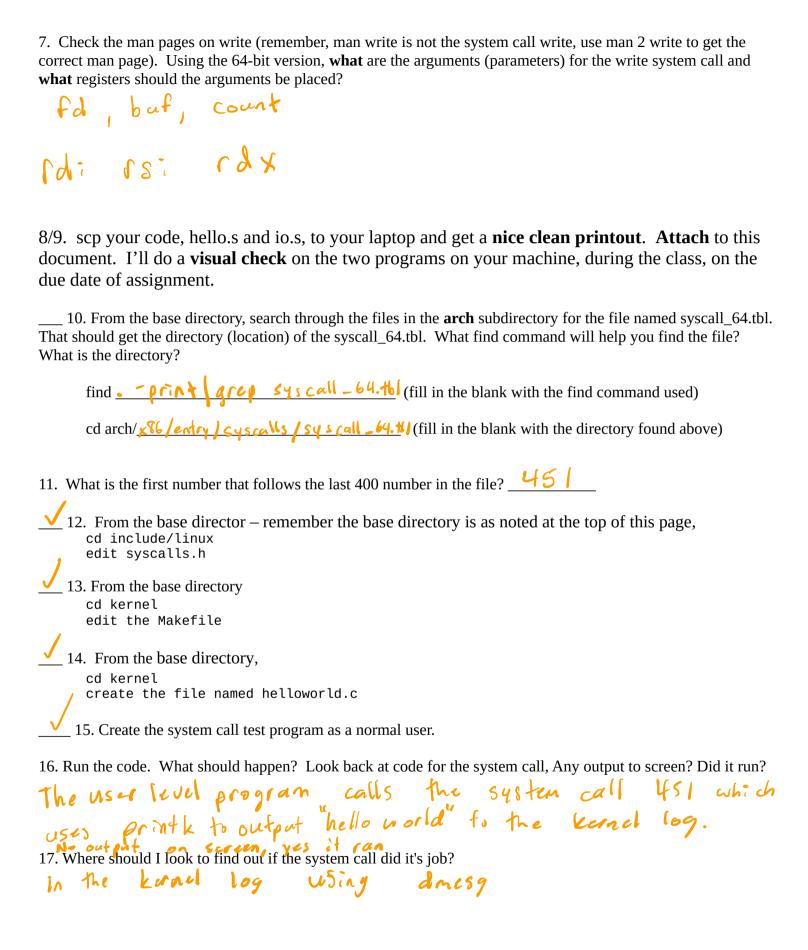
- 1. Who is the owner of these two files? Sus log
- 2. What is the group assignment of these two files?  $\sim$
- 3. Try to access these files.
  - a. Can ubuntu (as a normal user) use the cat command to display the contents of these files? Why?



- 5. Assuming that you have relocated to the /usr/include directory. What **find/grep** command combo would locate the unistd\_32.h file inside the /usr/include directory? Use your find/grep command to find the full path to the unistd\_32.h file, what is the path?

6. Once you locate unistd\_32.h and unistd\_64.h, using an editor (vi) to look through the file to identify the number associated with the following system calls in 32 and 64 bit linux.

	32-bit	64-bit
read	3	0
write	<u>4</u>	
open	5	_7_
close	_6_	3
mkdir	39	83
fork	2	57
exit		60
dup	<u>4 </u>	32
pipe	42	22



During class I will ask you to show me your system call works. I should find three programs in Ubuntu's home directory. hello.s, io.s, and hello\_SCT.c