

PHYS 105A Command Line Cheat Sheet

pwd print working directory

hostname my computer's network name

mkdir make a directory

cd change directory

cd .. go up one level

cd by itself with return you to your home directory

ls list directory,

ls -a list hidden directories,

ls -l -h list dates created and file sizes in human

rm remove a file

rmdir remove directory

cp copy a file

cp -r copy a directory and its contents

mv move a file or directory

echo print some arguments

echo text > file.txt write text to a file called file.txt

echo text2 >> file.txt append text2 to an existing file called file.txt

cat print the whole file to the screen (for short files)

less page through a file, one page at a time (for long files)
(**spacebar** gives you the next page; **:q** exits)

**** WINDOWS, use more**

more page through a file

head print the first 10 lines of a file to the screen.

tail print the last 10 lines of a file to the screen

wc word count. **-w** number of words. **-l** number of lines

find find files

grep find things inside files

diff identify differences between two files. (e.g. **diff file1 file2**)

man read a manual page

apropos find what man page is appropriate

chmod change permission modifiers

exit exit the shell