

1. cp (copy)

`cp file1 file2`

--> command which makes a copy of file1 in the current working directory and calls it file 2

`cd ~/unixstuff`

`cp /vol/ee/ee-info/Teaching/Unix/science.txt .`

this did not work because this file is not in the directory, which means that I will have to download it into the computer

by downloading the txt document into the directory I already finished this step

`cp science.txt science.bak` --> made a copy named science.bak

2. Moving files

`mv file1 file2` moves (or renames) file1 to file2

`mv science.bak backups/` --> I am receiving an error of no such file or directory --> TAs do not know why

--> it did not work

3. rm (remove), rmdir (remove directory)

--> I created tempfile.txt and then I removed it

4. clear (clear screen)

`clear` --> clear the terminal

5. cat (concatenate)

--> display the contents of a file on the screen

`cat science.txt`

--> it displayed the html of the file

6. less

less science.txt --> writes the contents of a file on the screen a page at a time

7. head

head science.txt --> writes the first ten lines of a file to the screen

head -5 science.txt --> writes the last 5 lines of the file

8. tail

tail science.txt --> the last 10 lines of a file to the screen

9. Simple searching using less

less science.txt

/science

--> it highlights the words that display science

10. grep (searches file for specific words or patterns)

grep science science.txt --> searches all the lines containing the word science

--> grep command is case sensitive

--> to ignore upper/lower case distinctions use the -i option

grep -i science science.txt

--> to search for a phrase or pattern use it in the enclosed single quotes

grep -i 'spinning to' science.txt

--> v display those lines that do not match
--> n precede each matching line with the line number
--> c print only the total count of matched lines

11. wc (word-count)

wc -w science.txt --> word search

wc -l science.txt --> line search

SUMMARY

cp file1 file2 - copy file1 and call it file2

mv file1 file2 - move or rename file1 to file2

rm file - remove a file

rmdir directory - remove a directory

cat file - display a file

less file - display a file a page at a time

head file - display the first few lines of a file

tail file - display the last few lines of a file

grep 'keyword' file - search a file for keywords

wc file- count the number of lines/words/characters in the file