Unix tutorial PH

Pwd pathname

. current location

.. up in the hierarchy

Cd change domain

Ls list folder contents

Mkdir make directory/folder

Cp copy

Mv move

Rm –rf remove file

Rmdir remove directory/folder

1. cd takes you home

2. mkdir unixstuff create unixstuff folder

3. cd unixstuff moves you to the unixstuff folder

4. $ mkdir backups

5. $ mkdir vol

$ mkdir vol/examples

$ mkdir vol/examples/tutorial

5.1. OR

$ cd ~/unixstuff

$ mkdir vol

$ cd vol

$ mkdir examples

$ cd examples

$ mkdir tutorial

$ cd tutorial

6. cd

\*to be in the main directory\*

7. $ echo "lets make unix work today" > unixstuff/vol/examples/tutorial/science2.txt

Or

phua@PHUA-LT ~/unixstuff/vol/examples

$ echo "lets make unix work today" > tutorial/science.txt

Creates the science txt file in the tutorial folder

8. phua@PHUA-LT ~

$ cp unixstuff/vol/examples/tutorial/science.txt ~/unixstuff

Copied file from tutorial to unixstuff

9. phua@PHUA-LT ~

$ cp unixstuff/vol/examples/tutorial/science.txt ~/unixstuff/science.bak

Copied file from tutorial to unixstuff and also changed the type of file .bak

10. phua@PHUA-LT ~

$ mv ~/unixstuff/science.bak ~/unixstuff/backups

Moved science.bak to backups folder

11. cd

Cd unixstuff

Cp science.txt tempfile.txt

Rm tempfile.txt

12. cd unixstuff

mkdir tempstuff

rmdir ~/unixstuff/tempstuff

13. cat science.txt

Display the contents of the file.

14. less science.txt

Displays content of the file a page at a time.

15. head science.txt

Writes first ten lines of file.

16. head -5 science.txt

Writes the first five lines.

17. tail science.txt

Writes the last ten lines of the file

Tail -2 science.txt

Writes the last 2 lines of the file

18. grep cod science.txt

Or grep cod ~/unixstuff/science.txt

Finds the words in the location and file.

19. grep –I ‘single women’ 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

Can use more than one

grep –ivc science science.txt

20. wc –w science.txt

Word count

21. wc –l science

How many lines the files has.

Tutorial 3

22. Cat

Hello how are you doing today

Duplicates what you typed

Press and hold Ctrl and press d

To end the input

23. cat > list1

Pear

Banana

Apply

Ctrl d

Cat list1

Prints out the list that you created.

24. cat >> list1

Peach

Grape

Orange

^D

Adds more items to the file list1

Cat list1

25. cat list1 list2 > biglist

Combines the two list to make one big list

Cat biglist

26. sort

Then type dog

Cat

Bird

Ape

Ctrl d

Gives the list in order