**USEFUL NOTES**

**grep -E :**

- v = **invert-match,** Invert the sense of matching, to select non-matching lines

- I = **ignore-case,** Ignore case distinctions in both the PATTERN and the input files.

- o = **only-matching**, Print only the matched (non-empty) parts of a matching line, with each such part on a separate output line.

**tr (tr [option]... set1 [set2]) :**

- translate or delete characters

**head (head [option]... [file]...):**

- output the first part of files

**last, lastb :**

- show listing of last logged in users

**ps :**

- report a snapshot of the current processes.

- ps -ef(see every process on the system using standard syntax)

**test (test expression / test [ expression] / [ ]) :**

- heck file types and compare values

**Example: list all the file starting with a letter and having an extension of exactly two characters :**

- ls [a-zA-Z]\*.??

**Read user input until the input is stop :**

- while true; do

read X

if test "$X" == "stop"; then

break

fi

done

**du :**

- estimate file space usage

**-b**, **--bytes** equivalent to '--apparent-size **--block-size**=1'

**-s**, **--summarize** display only a total for each argument

find "$directory" -type l : **finds links**

-type d : **finds directories**

-type f : **finds files**

**Check if a file is:**

**-text file** **:** if file "$file" | grep -q "text$"

**-C file :** if file "$file" | grep -q "C program"