→ Filters

* Filters are programs that take plain text as a standard input, transforms it into a meaningful format, and then returns it as standard output.

1. cat : Displays the text of the file line by line.

Syntax:- cat [path]

Eg:- $ cat file1.txt
       Hello RV
       welcome to mis

2. Head :
Displays the first n lines of the specified text files.
If the no. of lines is not specified then by default prints first 10 lines.

. syntax:-
head [-number_of_lines_to_print] [path]

. Eg:- $ head 1 it.txt
         Hello RV

3. Tail :
Tail displays the last n lines of the specified files. It returns the lines from bottom to up.

Syntax:
tail [- no of lines to print-] [path]

Eg:
       $ tail 1 file1.txt
       welcome to RV

4. **WC :-**

wc command gives the number of lines, words and charecters in the data.

Syntax:- wc [-options] [Path]

Eg:- $ cat file1.txt
        Hello RV
        welcome to MCA
        $ wc file1.txt
            2, 5, 24

5. **grep :**

grep is used to search a particular information from a text file.

Syntax: grep [options] pattern [path]

Eg:- $ cat file2.txt
        what are you doing?
        Where do you want to sit?
        what is your name?

        $ cat file2.txt | grep what
        what are you doing?
        what is your name?