

# Searching text files - grep

```
grep -F options string file1 file2 :::  
grep options regexp file1 file2 :::  
grep -E options eregexp file1 file2 :::  
egrep options eregexp file1 file2 :::
```

Interesting options: -i — ignore case, -n — print line numbers, -v — search for lines **without** matches, -h — do not print file name (when searching multiple files). **Important**: there are two versions of Interesting



## Measuring file size - wc

`wc options file1 file2 :::` prints file sizes (and total). `wc` is capable of printing character, word and line counts. See documentation for full description.

## Sorting files - sort

Can sort lines in a file alphabetically or based on numerical values. It's possible to tell `sort` to select parts of a line as a "key" for sorting. `sort` can also eliminate duplicate lines (or lines with duplicate "keys"). See documentation for full description.

## Batched text file processing - sed

`sed` is good for writing scripts that do simple file editing operations automatically. `sed` can do substitutions (including the ones with regular expressions), add and delete lines in particular places in the file, *etc.* See documentation for full description.