

LPIC-1 101-400 – Lesson 7 – Lab

- * Login into your Lab environment
- `$ alias grep='grep --color'`
- `$ cd Lab7 # switch to the Lab7 directory`
- `$ grep a matches.txt # find lines containing 'a'`
- `$ grep ab matches.txt # find lines containing 'abc'`
- `$ grep '^ab$' matches.txt # find lines starting with 'abc'`
- `$ grep "[hat]" matches.txt # find lines containing h, a or t`
- `$ grep -E "[abc]{3,4}" matches.txt # find strings with 3 or 4 successive combination of a, b or c`
- `$ grep -E -n -o "[abc]{3,4}" matches.txt # show line numbers and matches only`
- `$ ip addr | egrep "([0-9]{1,3}\.){3}[0-9]{1,3}" # find IP addresses`
- `$ ip addr | egrep "([[:xdigit:]]{2}:){5}[[:xdigit:]]{2}" # find MAC Addresses`
- `$ grep "[[:punct:]]" matches.txt # find punctuation`

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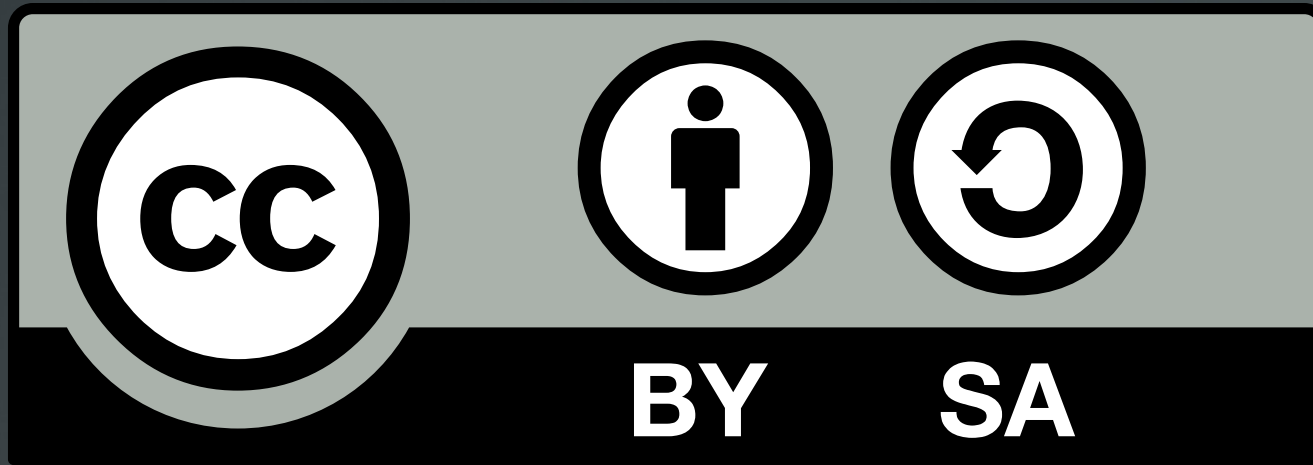
- `$ grep "[linux]{3,5}" regex.examples # find l,i,n,u, or x in a pattern between 3 to 5 characters`
- `$ egrep "[linux]{3,5}" regex.examples # did it work now?`
- `$ grep '[:alpha:]' regex.examples # find letters`
- `$ fgrep '[:alpha:]' regex.examples # find the single quote enclosed string explicitly`
- `$ grep "[[:blank:]]" matches.txt # find space or tab`
- `$ grep "[[:space:]]" matches.txt # find all whitespace`
- `$ grep "[[:blank:]]$" matches.txt # find space or tab at the line's end`
- `$ grep "[[:space:]]$" matches.txt # find whitespace at the line's end`
- `$ grep -i uuid /etc/fstab # find the 'uuid' string`
- `$ sed -e 's/UUID/uuid' /etc/fstab | grep uuid # case sensitive`
- `$ sed 's/UUID/UUID UUID/' /etc/fstab | sed 's/UUID/uuid/' # replace only the first match of UUID`
- `$ sed 's/UUID/UUID UUID/' /etc/fstab | sed 's/UUID/uuid/g' # replace all matches of UUID`

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- `$ cat poem.txt`
- `$ cat poem.txt | sed -e '5,9d' -e 's/dagger/knife/'`
- `$ cp poem.txt poem.orig`
- `$ sed -i -e '5,9d' -e 's/dagger/knife/' poem.txt`
- `$ grep -E 'knife|dagger' *`
- `$ sed -f rot13 poem.orig | tee poem.enc`
- `$ sed -f rot13 poem.enc`



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