1. display command you use most of time

history | grep -o ‘^ [0-9]+ [a-zA-Z]+’

history | sed -r ‘s- …’

1. Given a text file command.txt
2. Remove everything that is not an alphabetic character

cat command.txt | tr -cd ‘a-zA-Z’

1. Fix duplicated words

cat command.txt | sed -r ‘s/ ([a-zA-Z]+) \1 / \1 /’

1. Print the longest word in a file

cat command.txt | fmt -w 1 | grep -o ‘^[a-zA-Z]+’ | awk ‘{print length ($0). $0}’ | sort -n

1. In a C header file ar.h
2. Update the copyright year in the header

cat ar.h | sed ‘s/Copyright (C) 2010 Free Software Foundation/ Copyright (C) 2017 Free Software Foundation’

1. Print the copyright only

cat ar.h | sed ‘/ \\*\//q’

First Next 0

0

5

next

10

Next pointe sur l’addresse 30 et son adresse c’est 10 : 10 --- > 30

/\* ------------------------------------------------------------------------------------------------\*/

price product

100 livre

50 poisson

75 robe

* afficher les noms d’articles dont le prix est supérieur à 100

cat test | awk 'BEGIN{FS=":"} {if($1 >= 100) {print $2}}'

* Compter le nombre de mot d’un texte

awk 'BEGIN{val = 0} {for(i=1;i<=NF;i++){ if($i~/[a-zA-Z]/){val += 1}} } END{print val}'

* Compter le nombre de nombre

awk 'BEGIN{val = 0} {for(i=1;i<=NF;i++){ if($i~/^[0-9]\*$/){print $i;val += 1}} } END{print val}'

Python : assign a variable == initialize