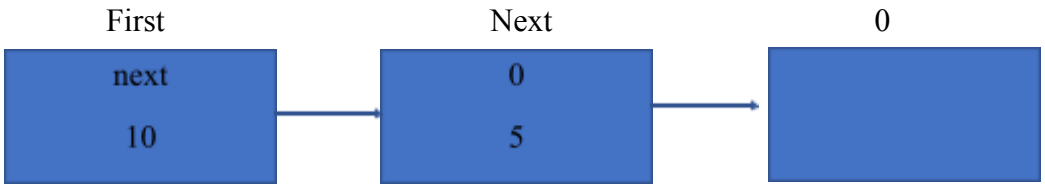
1- display command you use most of time
history | grep -o '^ [0-9]+ [a-zA-Z]+'
history | sed -r 's- …'

2- Given a text file command.txt
   a) Remove everything that is not an alphabetic character
      cat command.txt | tr -cd 'a-zA-Z'
   b) Fix duplicated words
      cat command.txt | sed -r 's/ ([a-zA-Z]+) \1 / \1 /'

   c) 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

3- In a C header file ar.h
   a) Update the copyright year in the header
      cat ar.h | sed 's/Copyright (C) 2010 Free Software Foundation/ Copyright (C) 2017 Free Software Foundation'
   b) Print the copyright only
      cat ar.h | sed '/ *\//q'



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