

Classwork

Input 3 number

+Calculate **Sum, Mean**

+Detect which is the biggest(optional)

+Detect if the biggest (or 3 number input) is **odd** or **even**

8. Homework

1/ Use this code to down

```
mkdir ./homework
```

```
curl -o ./homework/fa1.txt https://drive.usercontent.google.com/download?id=1RvsIx3\_qGI\_znCAWHDyCHKfhUQxm5U6j&export=download&authuser=0
```

```
curl -o ./homework/fa2.txt https://drive.usercontent.google.com/download?id=1znAljOXBLbeq4qt0asce185mzKkPgmxv&export=download&authuser=0
```

or you can down 2 files by click to the drive link above

(If you don't have curl please install it.-(sudo apt install curl))

The files after down will be in the homework Directory use (cd ./homework) or (ls ./homework) to see it

Gilde

+ Use “Grep” to extract the organism name of fa1.txt and fa2.txt

+ Use “Grep” and “wc” to find the nucleotide length of file

+ Compare the nucleotide length between fa1.txt and fa2.txt

2/ Output the **organism name** and **length** of the bigger nucleotide length file

```
1  >KT719404.1 Porcine circovirus 2 strain PCV2, complete genome
2  ACCAGCGCACTTCGGCAGCGGCAGCACCTCGGCAGCACCTCAGCAGCAACATGCCAGCAAGAAGATGG
3  AAGAAGCGGACCCCAACCCATAAAAGGTGGGTGTTCACTTTGAATAATCCTTCCGAAGACGAGCGCAAG
4  AAAATACGGGAGCTTCCAATCTCCCTGTTTGATTATTTTATTGTTGGCGAGGAGGGTAATGAGGAAGGAC
5  GAACACCTCACCTCCAGGGTTCGCTAATTTTGTGAAAAAGCAAACTTTTAATAAAGTGAAGTGGTATCT
6  TGGTGCCCGCTGCCACATCGAGAAAGCCAAAGGAAGTATCAGCAGAATAAAGAATATTGCAGTAAAGAA
7  GGCAACTTACTTATTGAGTGTGGAGCTCCTAGATCTCAAGGACAACGGAGTGACCTGTCTACTGCTGTGA
8  GTACCTTGTTGGAGAGCGGGAGTCTGGTGACCGTTGCAGAGCAGCACCCCTGTAACGTTTGTGAGAAATTT
9  CCGCGGGCTGGCTGAACTTTTGAAAGTGAGCGGGAAAATGCAGAAGCGTGATTGGAAGACTAATGTACAC
10  GTCATTGTGGGGCCACCTGGGTGTGGTAAAAGCAAATGGGCTGCTAATTTTGCAGA
11
```