Nombres: Daniela Alejandra Chávez Docente: Moisés Gualapuro

Carranza

Fecha: 13 de mayo de 2022 Nivel: Sexto

TAREA EN CLASES 3

- While
- For

HP@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/sandbox \$ for i in 2 3 4 ; do echo "hola \$1"; done hola hola hola

```
MMGW32/c/Users/HP/Documents/CSB-master/unix/sandbox

SNU nano 5.8

#1 /bin/bash
echo "primera forma"
for i in 2 4 6 8

do

x=$((i**3))
echo "valor $i, cubo $x"

done

echo "segunda forma"
for i in {5..100..20}

do

x=$((i**3))
echo "valor $i, cubo $x"

done

echo "tercera forma"
for ((i=10; i.101; i+3))

do

x=$((i**3))
echo "valor $i, cubo $x"

done
```

miRNA

MINGW32:/c/Users/HP/Documents/CSB-master/unix/data/miRNA

```
$ cd ../data/
HP@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data
$ 1s
Buzzard2015_about.txt
Buzzard2015_data.csv
Gesquiere2011_data.csv
Pacifici2013_about.txt
Buzzard2015_data.csv
Gesquiere2011_data.csv
Marra2014_data.fasta
Saavedra2013/
Contadorsecuencias.csv
Saavedra2013/
S 1s miRNA/
PP@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data
$ 1s miRNA/
Contadorsecuencias.sh* hsa_miR.fasta miRNA_about.txt ppa_miR.fasta ptr_miR.fasta
contadorsecuencias.sh* hsa_miR.fasta miRnA_about.txt ppy_miR.fasta ssy_miR.fasta
HP@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data
$ cd miRNA/

HP@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data/miRNA
$ for file in *_fasta; do head -n 2 $file; done
2go-miR-31 MIMAT0002181
CGCAAGAUCCUGCAUAAUCGUUBGU
Ppy-miR-569 MIMAT0002846
UAGCACCACAUAAUCGUUBGU
Ppy-miR-569 MIMAT0002664
UAGCACCACAUAAUCGUUBUG
Ppy-miR-224 MIMAT0005613
ACUUAAUGAAUCCUGGUAAGU
PpiR-3514 MIMAT0005616
AGGAUGACGUGGUUGGUAGG
PP@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data/miRNA
$ for file in *_fasta; do head -n 2 $file | wc; done

2 3 47
2 3 52
2 3 49
2 3 48
2 3 50
ACtivar
Ve a Con

Activar
Ve a Con
```

MINGW32:/c/Users/HP/Documents/CSB-master/unix/dat

Enzima

```
MINGW32:/c/Users/HP/Documents/CSB-master/unix/data
```

```
AAAG GC G CG GCAGG AG
G GCC AC GAGC GA A CAG
CAAG CAC AG GG CCG A
A AGGCACCAAAAAGCAACAA
 P@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data
$ nano enzymeres
HP@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data $ nano enzymerest.sh
 P@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data nano enzymerest.sh
  P@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data
$ cat enzymerest.sh
#! /bin/bash
for file in $1
```

P@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data ./enzymerest.sh miRNA/*.fasta otros.txt

```
MINGW32:/c/Users/HP/Documents/CSB-master/unix/data
$ nano enzymerest.sh
     PPDESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data
cat enzymerest.sh
!!/bin/bash
for file in $1
                             head -n 5 $file | cut -d ">" -f 1 | tr "U" " " >> $2
       P@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data
./enzymerest.sh miRNA/*.fasta otros.txt
      P@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data nano enzymerest.sh
       P@DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data
nano enzymerest.sh
           @DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data
         cat enzymerest.sh
! /bin/bash
         P@DESKTOP-IAK9CAK MINGW32 ~/Documents/C
./enzymerest.sh miRNA/*.fasta out.csv
           @DESKTOP-IAK9CAK MINGW32 ~/Documents/CSB-master/unix/data
      PROBESTOR-LARGUAK MINUNGZ PROGRAMMINGS markety and markety and large programming to the programming to the programming to the programming to the programming the programming the programming to the programming the programmin
```