

## Deber #2 de Bioinformática.

```
MINGW64~/Users/User/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego
UserRDESKTOP-0469UQL MINGW64 ~
$ cd Documents/CSB-master/
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master (master)
$ ls
LICENSE  README.md  data_wrangling/  git/  good_code/  latex/  python/  r/  regex/  scientific/  sql/  unix/
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master (master)
$ cd unix/
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix (master)
$ ls
bioinfo/  data/  datosp.txt  datosp2.txt  datosp3.txt  filtado1.txt  installation/  sandbox/  solutions/
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix (master)
$ cd bioinfo/
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo (master)
$ ls
AgGCN1.0_properties.csv  body2.csv  bodym.csv  data.csv  data.csv.temp1  data.csv.temp2  data.csv.temp3  santi.csv  santi2.csv  selector.sh
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo (master)
$ ls AgGCN1.0_properties.csv
AgGCN1.0_properties.csv
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo (master)
$ mkdir tc2_CotacachiDiego
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo (master)
$ ls
AgGCN1.0_properties.csv  data.csv  data.csv.temp3  selector.sh
body2.csv               data.csv.temp1  santi.csv       tc2_CotacachiDiego/
bodym.csv               data.csv.temp2  santi2.csv
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo (master)
$ cd tc2_CotacachiDiego/
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ ls
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ mv AgGCN1.0_properties.csv tc2_CotacachiDiego
mv: cannot stat 'AgGCN1.0_properties.csv': No such file or directory
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
```

```
MINGW64~/Users/User/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo (master)
$ ls
EigenBetw.tsv  data.csv  data.csv.temp3  selector.sh
body2.csv      data.csv.temp1  santi.csv       tc2_CotacachiDiego/
bodym.csv      data.csv.temp2  santi2.csv
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo (master)
$ ls tc2_CotacachiDiego/
AgGCN1.0_properties.csv
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo (master)
$ cut -d " " -f 1-4-6 AgGCN1.0_properties.csv > EigenBetw.tsv
cut: invalid field range
Try 'cut --help' for more information.
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo (master)
$ cd tc2_CotacachiDiego/
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ cut -d " " -f 1-4-6 AgGCN1.0_properties.csv > EigenBetw.tsvcd
cut: invalid field range
Try 'cut --help' for more information.
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ cut -d " " -f 1-4-6 AgGCN1.0_properties.csv > EigenBetw.tsvcd
cut: invalid field range
Try 'cut --help' for more information.
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ cut -d " " -f 1,4,6 AgGCN1.0_properties.csv > EigenBetw.tsvcd
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ nano tc2_CotacachiDiego.sh
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ bash tc2_CotacachiDiego.sh
Primeras_71lineas
head: cannot open 'EigenBetw.tsv' for reading: No such file or directory
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ nano tc2_CotacachiDiego.sh
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
```

```
MINGW64/c/Users/User/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego
ego (master)
$ bash tc2_CotacachiDiego.sh
Primeras_7lineas
head: cannot open 'EigenBetw.tsv' for reading: No such file or directory

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego
ego (master)
$ nano tc2_CotacachiDiego.sh

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ cut -d "," -f 1,4,6 AgGCN1.0_properties.csv > EigenBetw.tsvcd

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ cut -d "," -f 1,4,6 AgGCN1.0_properties.csv > EigenBetw.tsv

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ nano tc2_CotacachiDiego.sh

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ bash tc2_CotacachiDiego.sh
id,eigenvector,betweenness
AGAP000002,0.008787135,2.91E-05
AGAP000005,0.013750498,0.000171241
AGAP000007,7.90E-06,0
AGAP000008,0.000383447,1.22E-06
AGAP000009,0.013802427,0.000654142
AGAP000010,0.000101576,0
Primeras_7lineas

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ nano tc2_CotacachiDiego.sh

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ bash tc2_CotacachiDiego.sh
Primeras_7filas
id,eigenvector,betweenness
AGAP000002,0.008787135,2.91E-05
AGAP000005,0.013750498,0.000171241
AGAP000007,7.90E-06,0
AGAP000008,0.000383447,1.22E-06
AGAP000009,0.013802427,0.000654142
AGAP000010,0.000101576,0

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/
tc2_CotacachiDiego (master)
$ bash CotacachiDiego2.sh
bash: CotacachiDiego2.sh: No such file or directory

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/
```

```
MINGW64/c/Users/User/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/
tc2_CotacachiDiego (master)
$ bash CotacachiDiego2.sh
bash: CotacachiDiego2.sh: No such file or directory

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/
tc2_CotacachiDiego (master)
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ ^C

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ nano tc2_CotacachiDiego2.sh

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ ^C
$ cat tc2_CotacachiDiego2.sh
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ ^C
$ ^C tc2_CotacachiDiego2.sh
tc2_CotacachiDiego2.sh
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ ^C
$ ^C tc2_CotacachiDiego (master)
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ ^C
$ ^C tc2_CotacachiDiego2.sh
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ ^C
$ nano tc2_CotacachiDiego2.sh
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ bash tc2_CotacachiDiego2.sh
UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$ nano tc2_CotacachiDiego2.sh

UserRDESKTOP-0469UQL MINGW64 ~/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego (master)
$
```

```
MINGW64/c/Users/User/Documents/CSB-master/unix/bioinfo/tc2_CotacachiDiego
GNU nano 6.2 tc2_cotacachiDiego2.sh
grep AGAP*****5 EigenBetw.tsv | sort -k 6 > EigenBetw5.csv
```

[ Read 1 line ]

^G Help   ^O Write Out   ^W Where Is   ^K Cut   ^T Execute   ^C Location   M-U Undo   M-A Set Mark   M-] To Bracket   M-Q Previous  
^X Exit   ^R Read File   ^\ Replace   ^U Paste   ^J Justify   ^/\_ Go To Line   M-E Redo   M-B Copy   ^Q Where Was   M-W Next

26°C Nublado 05:07 p.m. 09/11/2022