

Deber Actividad Revisión – Evaluación

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Fecha: 9/11/2022

MINGW64/c/Users/Usuario/OneDrive/tc2_Rodriguez_Laura

```
Usuario@DESKTOP-TPNNH6H MINGW64 /d/Usuario/Desktop
$ cd

Usuario@DESKTOP-TPNNH6H MINGW64 ~
$ cd oneDrive

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive
$ mkdir tc2_Rodriguez_Laura

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive
$ mv AgGCN1.0_properties.csv tc2_Rodriguez_Laura

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive
$ cd tc2_Rodriguez_Laura

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ head -n 2 AgGCN1.0_properties.csv
id,Gene name,strength,eigenvector,close,betweenness,community,
core4854,core6920,core7464
AGAP000002,,40.75,0.008787135,0.231913559,2.91E-05,3,,,
```

MINGW64/c/Users/Usuario/OneDrive/tc2_Rodriguez_Laura

```
core4854,core6920,core7464
AGAP000002,,40.75,0.008787135,0.231913559,2.91E-05,3,,,
```

```
Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ cut -d "," -f 1,4,6 AgGCN1.0_properties.csv > EigenBetw.tsv

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ head EigenBetw.tsv
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
AGAP000011,0.028812269,7.34E-05
AGAP000012,0.000156442,4.72E-05
AGAP000013,0.002796483,0.000830249

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ nano tc2_RodriguezLaura.sh

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ nano tc2_RodriguezLaura.sh

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ |
```

```
MINGW64/c/Users/Usuario/OneDrive/tc2_Rodriguez_Laura
GNU nano 6.4 tc2_RodriguezLaura.sh Modified
echo "Comandos para ver las primeras 7 filas y las 5 últimas de EigenBetw.tsv"
echo -e "\n"
echo "Primeras 7 filas"
echo -e "\n"
head -n 7 EigenBetw.tsv
echo -e "\n"
echo "Últimas 5 filas"
echo -e "\n"
tail -n 5 EigenBetw.tsv

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify    ^_ Go To Line
```

```
MINGW64/c/Users/Usuario/OneDrive/tc2_Rodriguez_Laura
Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ bash tc2_RodriguezLaura.sh
Comandos para ver las primeras 7 filas y las 5 últimas de EigenBetw.tsv

Primeras 7 filas

id,eigenvector,betweenness
AGAP0000002,0.008787135,2.91E-05
AGAP0000005,0.013750498,0.000171241
AGAP0000007,7.90E-06,0
AGAP0000008,0.000383447,1.22E-06
AGAP0000009,0.013802427,0.000654142
AGAP0000010,0.000101576,0

Últimas 5 filas

AGAP029781,0.000987921,1.49E-05
AGAP029784,3.45E-05,0.000155039
AGAP029786,0.000146935,5.04E-05
AGAP029787,9.99E-06,1.22E-07
AGAP029789,0.001757408,0.001160083

Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ |
```

```
MINGW64/c/Users/Usuario/OneDrive/tc2_Rodriguez_Laura
GNU nano 6.4 tc2_RodriguezLaura2.sh
echo "Registro de los id que terminan en 5"
echo -e "\n"
grep AGAP[0-9]*5, EigenBetw.tsv | sort -t "," -k 3 -g > EigenBetw5.csv

[ Read 7 lines ]
^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify    ^_ Go To Line
```

```
Usuario@DESKTOP-TPNNH6H MINGW64 ~/OneDrive/tc2_Rodriguez_Laura
$ head EigenBetw5.csv
AGAP000045,3.02E-05,0
AGAP000065,0.000236801,0
AGAP000075,3.44E-05,0
AGAP000355,5.42E-07,0
AGAP000415,3.66E-05,0
AGAP000625,2.87E-07,0
AGAP000715,5.54E-05,0
AGAP001225,0.000167081,0
AGAP001275,2.28E-05,0
AGAP001475,0.000226399,0
```