

# TC2\_Unix2GitHub1

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## PREPARACIÓN

```
MINGW32:/c/Users/Usuario/Downloads

Usuario@DESKTOP-DLONH64 MINGW32 ~
$ pwd
/c/Users/Usuario

Usuario@DESKTOP-DLONH64 MINGW32 ~
$ mkdir tc2_TorresJhanina

Usuario@DESKTOP-DLONH64 MINGW32 ~
$ pwd
/c/Users/Usuario

Usuario@DESKTOP-DLONH64 MINGW32 ~
$ cd Downloads/


Usuario@DESKTOP-DLONH64 MINGW32 ~/Downloads
$ mv AgGCN1.0_properties.csv ../tc2_TorresJhanina
```

## SELECCIÓN

MINGW32:/c/Users/Usuario/tc2\_TorresJhanina

```
Usuario@DESKTOP-DLONH64 MINGW32 ~
$ cd tc2_TorresJhanina/
```

```
Usuario@DESKTOP-DLONH64 MINGW32 ~/tc2_TorresJhanina
$ cut -d "," -f 1,4,6 AgGCN1.0_properties.csv >> EigenBetw.tsv
```

 EigenBetw: Bloc de notas

Archivo Edición Formato Ver Ayuda

```
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
AGAP000014,9.20E-05,1.04E-05
AGAP000015,0.000112631,4.18E-05
AGAP000016,1.88E-05,0.000198007
AGAP000017,0.005300176,0.000134618
AGAP000018,2.35E-06,2.88E-06
AGAP000019,0.000924483,9.16E-05
AGAP000021,5.62E-05,1.15E-07
```

## BASH SCRIPT 1

MINGW32:/c/Users/Usuario/tc2\_TorresJhanina

```
Usuario@DESKTOP-DLONH64 MINGW32 ~  
$ cd tc2_TorresJhanina/
```

```
Usuario@DESKTOP-DLONH64 MINGW32 ~/tc2_TorresJhanina  
$ nano tc2_TorresJhanina.sh
```

```
MINGW32:/c/Users/Usuario/tc2_TorresJhanina  
GNU nano 5.8 tc2_TorresJhanina.sh  
echo "primeras 7 filas"  
head -n 7 $1  
echo "ultimas 5 filas"  
tail -n 5 $2  
  
[ Read 5 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-DLONH64 MINGW32 ~/tc2_TorresJhanina  
$ bash tc2_TorresJhanina.sh EigenBetw.tsv 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  
ultimas 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
```

## BASH SCRIPT 2

MINGW32:/c/Users/Usuario/tc2\_TorresJhanina

```
Usuario@DESKTOP-DLONH64 MINGW32 ~  
$ cd tc2_TorresJhanina
```

```
Usuario@DESKTOP-DLONH64 MINGW32 ~/tc2_TorresJhanina  
$ touch tc2_TorresJhanina2.sh
```

```
Usuario@DESKTOP-DLONH64 MINGW32 ~/tc2_TorresJhanina  
$ ls  
AgGCN1.0_properties.csv  tc2_TorresJhanina.sh  
EigenBetw.tsv           tc2_TorresJhanina2.sh  
  
Usuario@DESKTOP-DLONH64 MINGW32 ~/tc2_TorresJhanina  
$ nano tc2_TorresJhanina2.sh
```

MINGW32:/c/Users/Usuario/tc2\_TorresJhanina

```
GNU nano 5.8 tc2_TorresJhanina2.sh  
echo "Registros que terminan en 5"  
cut -d "," -f 1 $1 | grep 5$ > $3  
echo "columnas ordenadas"  
cut -d "," -f 6 $2 | sort -n >> $3  
  
[ Read 4 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
```

