EVIDENCIA EJERCICIO 1.4

```
milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ touch explore.sh

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ nano explore.sh

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ nano explore.sh

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ nano explore.sh

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ nano explore.sh
```

```
echo " nombre de la columna:"

 cut -d ',' -f 8 Buzzard2015_data.csv | head -n 1
echo "numero de valores distintos en la columna:"

cut -d ',' -f 8 Buzzard2015_data.csv | tail -n +2 | sort | uniq | wc -l
echo "numeo minimo"
 cut -d ',' -f 8 Buzzard2015_data.csv | tail -n +2 | sort -n | head -n 1
echo " numero maximo"
 cut -d ',' -f 8 Buzzard2015_data.csv | tail -n +2 | sort -n | tail -n 1
```

```
milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ nano explore.sh

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ bash explore.sh
 nombre de la columna:
basal.area
numero de valores distintos en la columna:
285
numeo minimo
4.921875
 numero maximo
26085.15
```

EVIDENCIA EJERCICIO 1.2

```
milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ head -n 3 Gesquiere2011_data.csv
maleID  GC      T
1       66.9    64.57
1       51.09   35.57

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ cut -f 1 Gesquiere2011_data.csv | grep -c -w 3
61

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ cut -f 1 Gesquiere2011_data.csv | grep -c -w 27
5
```

```
milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads
$ cd CSB-masters
bash: cd: CSB-masters: No such file or directory

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads
$ cd CSB-master

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master
$ cd uni
bash: cd: uni: No such file or directory

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master
$ cd unix/

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix
$ cd data/

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ touch count_baboons.sh
```

```
milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ nano count_baboons.sh

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ touch cou_all.sh

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ nano cou_all.sh

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ bash cou_all.sh
ID: 1 counts: 10
```

EVIDENCIA DE EJERCICIO 1.3

```
milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ cd Saavedra2013

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data/Saavedra2013
$ nano netsize.sh

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data/Saavedra2013
$ cat netsize.sh
#!/bin/bash
echo "el numero de filas es:"
   wc -l n1.txt| cut -d " " -f 1
echo "el numero de columnas es:"
    head -n 1 n1.txt | tr -d ' ' | tr -d '\n' | wc -c

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data/Saavedra2013
$ cd ../

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ cat netsize_all.sh

#!/bin/bas

for item in  Saavedra2013/*.txt
do

fila=`cat $item | wc -l`
    col=`head -n 1 $item | tr -d ' ' | tr -d '\n' | wc -c`
    echo $item $fila $col
done
```

```
milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data/Saavedra2013
$ cd ../

milen@DESKTOP-DEERDN9 MINGW64 ~/Downloads/CSB-master/unix/data
$ bash netsize_all.sh
Saavedra2013/n1.txt 97 80
Saavedra2013/n10.txt 14 20
Saavedra2013/n11.txt 1 8
Saavedra2013/n12.txt 7 72
Saavedra2013/n13.txt 61 17
Saavedra2013/n14.txt 35 15
Saavedra2013/n15.txt 38 11
Saavedra2013/n16.txt 118 24
Saavedra2013/n17.txt 76 31
Saavedra2013/n18.txt 13 14
Saavedra2013/n19.txt 10 16
Saavedra2013/n2.txt 62 41
Saavedra2013/n20.txt 18 7
Saavedra2013/n21.txt 19 45
Saavedra2013/n22.txt 19 36
```