

```
user@DESKTOP-1700HKA MINGW64 ~  
$ echo "Genero" >> ../sandbox/ordenes.csv | tail -n +2 Pacifici2013_data.csv | cut -d ";" -f 4 | sort | uniq -c | sort -r | wc -l | >> ../sandbox/totales.txt |
```

```
user@DESKTOP-1700HKA MINGW64 ~  
$ echo "familia" >> ../sandbox/totales.txt | tail -n +2 Pacifici2013_data.csv | cut -d ";" -f 3 | sort | uniq | wc -l >> ../sandbox/totales.txt
```

```
user@DESKTOP-1700HKA MINGW64 ~  
$ echo "orden" >> ../sandbox/totales.txt | tail -n +2 Pacifici2013_data.csv | cut -d ";" -f 2 | sort | uniq | wc -l >> ../sandbox/totales.txt |
```

[illegible]

Excel spreadsheet showing a list of species and their corresponding sequence counts. The spreadsheet is titled "contador" and has columns A through P. The data is as follows:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
177	19 Tupalidae															
178	8 Ursidae															
179	421 Vespertilionidae															
180	33 Viverridae															
181	3 Vombatidae															
182	21 Ziphiidae															
183	Genero															
184	1 Abditomys															
185	1 Abeomelomys															
186	1 Abrawayaomys															
187	8 Abrocoma															
188	9 Abrothrix															
189	5 Acerodon															
190	1 Acinonyx															
191	18 Acomys															
192	3 Aconaemys															
193	1 Acrobatates															
194	1 Addax															
195	2 Aegialomys															
196	2 Aepeomys															
197	1 Aepyceros															
198	1 Aepyprymnus															
199	1 Aeretes															
200	2 Aeromys															
201	2 Aethalops															
202	11 Aethomys															

The spreadsheet is titled "contador" and has columns A through P. The data is as follows:

	A	B	C	D
1	Kirby Guillermo El numero de secuencias ggo_miR.fasta son; 357			
2	Kirby Guillermo El numero de secuencias hsa_miR.fasta son; 2588			
3	Kirby Guillermo El numero de secuencias ppa_miR.fasta son; 83			
4	Kirby Guillermo El numero de secuencias ppy_miR.fasta son; 660			
5	Kirby Guillermo El numero de secuencias ptr_miR.fasta son; 587			
6	Kirby Guillermo El numero de secuencias ssy_miR.fasta son; 10			
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

The terminal window shows the following commands and output:

```
MINGW64/c/Users/users/documents/CSB-master/unix/data/miRNA
$ cd documents/CSB-master

user@DESKTOP-17Q0HKA MINGW64 ~/documents/CSB-master
$ cat deber.sh
#!/bin/bash
for archivo in *.fasta;
do
numero_file=$(cat $archivo | grep ">" | wc -l)
echo "El numero de secuencias $archivo son; $numero_file" >> contador.csv
done

user@DESKTOP-17Q0HKA MINGW64 ~/documents/CSB-master
$ bash deber.sh
bash: bash: command not found

user@DESKTOP-17Q0HKA MINGW64 ~/documents/CSB-master
$ bash deber.sh
cat: '*.fasta': No such file or directory

user@DESKTOP-17Q0HKA MINGW64 ~/documents/CSB-master
$ cd unix/data/miRNA

user@DESKTOP-17Q0HKA MINGW64 ~/documents/CSB-master/unix/data/miRNA
$ bash deber.sh
bash: deber.sh: No such file or directory

user@DESKTOP-17Q0HKA MINGW64 ~/documents/CSB-master/unix/data/miRNA
$ cd-
bash: cd-: command not found

user@DESKTOP-17Q0HKA MINGW64 ~/documents/CSB-master/unix/data/miRNA
$ cd ~

user@DESKTOP-17Q0HKA MINGW64 ~
$ cd /documents
bash: cd: /documents: No such file or directory

user@DESKTOP-17Q0HKA MINGW64 ~
$ cd documents/

user@DESKTOP-17Q0HKA MINGW64 ~/documents
$ cd CSB-master/unix/data/miRNA

user@DESKTOP-17Q0HKA MINGW64 ~/documents/CSB-master/unix/data/miRNA
$ bash deber.sh
$
```