

Practical 1: Unix for Poets

1. Count initial consonant sequences: tokenize by word, delete the vowel and the rest of the word.

Command:

```
uconv -x upper < words.txt |  
sed 's/[AEIOU][A-Z]\+/\n/g' |  
sort -r |  
uniq -c |  
sed 10q > initial-consonants.hist
```

Output:

```
shrey@DESKTOP-LQNLBB0:~$ cat initial-consonants.hist  
1 BR  
1 W  
1 P  
1 H  
1 CR  
1 C  
1 B  
2
```

2. Count final consonant sequences:

Command:

```
uconv -x upper < words.txt | rev  
| sed 's/[AEIOU][A-Z]\+/\n/g' | rev |  
sort -r |  
uniq -c |  
sed 10q > final-consonants.hist
```

```
shrey@DESKTOP-LQNLBB0:~$ uconv -x upper < words.txt | rev | sed 's/[AEIOU][A-Z]\+/\n/g' | rev | sort -r | uniq -c | sed 10q > final-consonants.hist  
shrey@DESKTOP-LQNLBB0:~$ cat final-consonants.hist  
1 TCH  
2 T  
1 RN  
1 N  
2 M  
1  
1
```