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|  | **52875 words in words file**  wc -w words |
|  | **4093 words start with ‘a’**  grep ^a words | wc -w |
|  | **1244 words end with ‘z’**  grep z words | wc -w |
|  | **Copied file in reverse**  tac words > words2 |
|  | **201 words**  grep -v -c [aeiou] words |
|  | **Length of shortest word: 1**  awk '{print length($1)}' words | sort -nk 1 | head -1 |
|  | **Length of longest word: 28**  awk '{print length($1)}' words | sort -nk1 -r | head -1 |
|  | **7217 words with only 4 or 5 letters**  awk 'length($1)==4 || length($1)==5' words | wc -w |
|  | **40765 Bytes**  awk 'length($1)==4 || length($1)==5' words | wc -c |
|  | **50 processes in processes.txt**  pgrep emacs | wc -l processes.txt |
|  | **3 processes not in root**  grep -v root processes.txt -c |
|  | **164 is the process id of ssh daemon**  grep ssh processes.txt | awk {'print$2}' |
|  | **1 is the parent process id**  grep ssh processes.txt | awk '{print $3}' |
|  | **3 interactive logins**  awk '{print $1}' processes.txt | sort | uniq | wc -w |
|  | **563 total**  cat processes.txt | awk '{total = total + $3} END {print total}' |