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In [1]: #!/usr/bin/env bash
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In [16]: NUMCOUNT=$1  
#copy first parameter to NUMCOUNT
```

```
In [17]: echo "A S D F G" | tr '[:lower:]' '[:upper:]'  
#[:lower:] all lower character  
#[:upper:] all upper case  
#tr: translate [:lower:] into [:upper:]  
  
A S D F G
```

```
In [10]: echo "a b c d d d sdf dsf " | grep -oE '\w+'  
#grep -o: show only matched item  
#grep -E:egrep  
  
a  
b  
c  
d  
d  
d  
sdf  
dsf
```

```
In [11]: echo "a b c d d d sdf dsf " | grep -oE '\w+' | sort | uniq -c  
#uniq :delete repeated item. -c :count  
  
1 a  
1 b  
1 c  
3 d  
1 sdf  
1 dsf
```

```
In [14]: echo "a b c d d d sdf dsf " | grep -oE '\w+' | sort | uniq -c | sort -hr  
#sort -h:sort by human way -r: reverse order  
  
3 d  
1 sdf  
1 dsf  
1 c  
1 b  
1 a
```

```
In [15]: echo "a b c d d d sdf dsf " | grep -oE '\w+' | sort | uniq -c | sort -hr | head -n 3  
#display top 3 lines  
  
3 d  
1 sdf  
1 dsf
```

```
In [ ]: echo "a b c d d d sdf dsf " | grep -oE '\w+' | sort | uniq -c | sort -hr | head -n $NUMCOUNT
```