CprE 419 Lab 5: Analyzing Twitter Data using MapReduce

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All the commented codes, job files and output logs are included in the submission. The input output paths were hard coded.

Exp1: Top 10 most common hashtags in oscars.json
(for each tweet, the duplicate hashtags were removed)

```
[shuowang@n0 ~]$ hcat /scr/shuowang/lab5/exp1/output/part-r-00000
Oscars  2788
cute    2805
UniteBlue       2823
business        2885
Greece  3013
disabled        3016
entrepreneur    3226
disability      3418
p2      3988
blind   4456
[shuowang@n0 ~]$
```

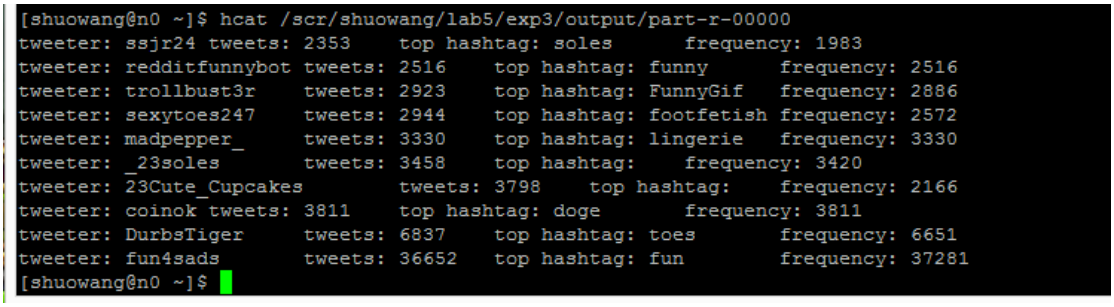
So the top 1 most common hashtag in oscars.json is #blind which the frequency of 4456. The number 2 to 10 can be seen in the screen capture (ascending order).

Exp2: top ten most followed tweeters in oscars.json

```
^[[A^[[A[shuowang@n0 ~]$ hcat /scr/shuowang/lab5/exp2/output/part-r-00000
bdonesem        473712
Exposure4All    640109
talkSPORT       697481
empireofthekop  737711
Footy_Jokes     852120
WFP     877471
Brodalumab      1334286
diggy_simmons   1713295
billboard       2391490
ENews   2853955
[shuowang@n0 ~]$
```

So the top 1 most followed tweeter in oscars.json is ENews who has 2,853,955 followers at the time the file was queried. The number 2 to 10 can be seen in the screen capture (ascending order).

Exp3: top ten most prolific users and their most commonly used hashtag
(This exp doesn't require to remove the duplicate hashtags for each tweet, comparing to exp1)



So the top 1 most prolific tweeter in usa.json is fun4sads who has 36,652 tweets at the time the file was queried and its most commonly used hashtag is #fun with frequency of 37,281. The number 2 to 10 can be seen in the screen capture (ascending order).