Pothi.com Programming Task

Use the Twitter Streaming API to track a given keyword and generate various reports about the tweets.

Input

keyword (program should prompt on the command line)

Output

After starting, every 1 minute, program should print following reports based on the tweets received in last 5 minutes.

User Report

Print the names of all Twitter users who tweeted with given keyword along with the count of tweets from them.

Bonus 1: Links Report

Print the total number of links included in the tweets followed by a list of the unique domains sorted by the count. Any shortened links should be expanded.

Bonus 2: Content Report

Print the number of unique words used in the tweets followed by the list of top 10 words sorted by occurence. Remove the common function words like a, an, the, of, with etc. (articles, pronouns, propositions and conjunctions)

Notes

- You can complete the task in programming language of your choice.
- The report printed at 1 min will include data only for the first minute, report at 2 min will have data only for first 2 minutes and so on. After 5 minutes, the report printed should be generated based only on the data from last 5 minutes.

Submission

Setup a Github repo with your code and send us the link. The repo should include a README file with instructions on how to setup and run the code.

Resources

- Twitter Streaming API Docs