

Anagram Finder

To complete the case assignment & review step of the interview process, please solve the below problem **in 3 days** with keeping in mind the below evaluation criterias: Java/Go
Please use these languages: Java/Go

- * Runtime Complexity
- * Packaging (e.g. how easy to install and run your app **in k8s environment**)
- * Structure (e.g. logging, usability, etc)
- * Idioms & Principles
- * Methodology
- * Test Coverage
- * Design
- * Comprehensibility
- * Extensibility (e.g. different data sources (file, url), different algorithms)

PROBLEM:

An anagram is a word or phrase formed by rearranging the letters of a different word or phrase, typically using all the original letters exactly once.

For example, the word “anagram” itself can be rearranged into “nag a ram”, also the word “binary” into “brainy” and the word “adobe” into “abode”. On the other hand, “cat” and “arc” are not anagrams.

Document in the link below has words, where each line has one word. What we are expecting from you is to find anagrams in this list, and combine and show them in the same line.

Please be aware of the fact that anagram arrangements can spread multiple words. For example, “bad credit” and “debit card”, and “conversation” and “voice rants on” are valid anagrams.

Doc Link: <https://github.com/Trendyol/asssignments/blob/main/anagrams.txt>

EXAMPLE OUTPUT:

anagram, nag a ram
below, elbow
study, dusty
night, thing
act, cat
dessert, stressed
bad credit, debit card
gainly, laying
conversation, voice rants on
eleven plus two, twelve plus one
they see, the eyes
funeral, real fun

meteor, remote
the classroom, schoolmaster
meal for one, for me alone
sweep the floor, too few helpers
older and wiser, I learned words
video game, give a demo
coins kept, in pockets
young lad, an old guy