# Backend/Fullstack programming task

Attached you will find a text file with a lot of words, 1 word per line, called “words-utf8.txt”.

Your task is to create a small program that’s able to find all the words that has one or several anagrams in the list.

* Not all words has an anagram
* We are only interested in single-word-anagrams

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. (<https://en.wikipedia.org/wiki/Anagram>)

The resultset should list, on each line, all of the anagrams present in the attached file.

Example:

akte teak kate

aldri arild

aller ralle

alt tal

andre rande denar ander

The purpose of this task is to understand how you solve logical problems using programming. What is important to you when you code, and how well you are able to explain it. It’s preferrable to use Java as that’s in our main stack at Protector, but you can choose another language if you are more comfortable with it.

During the technical interview you will be asked to present the solution which will form the basis for a part of the conversation.