

Write a program in Java/Python that reads in a text file and outputs frequency of certain tokens (tokens are strings separated by white-spaces or newlines).

**Input:**

- character encoding
- plain text file in that encoding
- name of a file to write the output to

**Output:**

frequency of tokens from that file that either start in "pa", or contain "we". Each line should contain one token followed by frequency. The tokens should be alphabetically sorted.

For example for the following file:

```
-----  
we a b pat ccc awe pa, pawes.  
tr a76b x a7xxx pat dr we  
-----
```

the output would be

```
-----  
awe 1  
pa, 1  
pat 2  
pawes. 1  
we 2  
-----
```

**Notes**

- Make the program as simple as possible, no GUI, just command line.
- Write the program in a way that it is easy to understand. Do not forget basic comments.
- Assume everything fits into memory and exceptions can just produce a stack-trace (no need for fancy reporting).
- If you can use standard Java classes or Python libraries for something (e.g. collections, etc.) or other common libraries (e.g., Apache Commons, Guava) do NOT program it yourself.
- Unit tests are optional.
- As a bonus, you can write the same thing for a linux shell (should be a one liner).