

The exercise is to write a command line driven text search engine, usage being:  
YourAwesomeProject.exe pathToDirectoryContainingTextFiles

This should read all the text files in the given directory, building an in memory representation of the files and their contents, and then give a command prompt at which interactive searches can be performed.

An example session might look like:

```
$ SearchWords.exe c:\text files\  
14 files read in directory c:\text files\  

```

```
search> dogs  
filename1 : 234 occurrences  
filename2 : 54 occurrences  

```

```
search> cats  
no matches found  

```

Treat the above as an outline spec; you don't need to exactly reproduce the above output.

The search should take the word given on the command prompt and return the top 10 file

names where that word appears and the word counter.

Don't spend any time on input handling, just assume sane input.

**What we are going to evaluate:**

- SOLID principles
- Unit tests.
- Clean code.
- Usage of GIT.

**Deliverables:**

- Code to implement a version of the above (link to github repository)
- A README containing instructions so that we know how to build and run your code