This exercise has two components, it is suggested that you read over the whole exercise first to avoid wasted effort.

Part 1 - Wordcount

You are given the following interface

Implement a function that takes a CharacterReader and produces a list of words, in order of descending frequency. When two words have the same frequency, they should be alphabetical order.

For example the input "The cat sat on the mat." would produce:

```
the - 2
cat - 1
mat - 1
on - 1
sat - 1
```

Part 2 - Slow, parallel wordcount

You are given 10 instances of the above interface, which sleep for a random amount of time before returning a character. Write code that will read these in parallel. It should output the current (combined) counts of the words every 10 seconds and final totals at the end.