

Using String Streams

Write a function named `tokenStats()` that takes an input stream and an output stream as its two arguments. Report the number of lines in the file, the longest line, the number of tokens on each line, and the length of the longest token on each line. Assume at least one line of input and that each line has at least one token.

For example, if an input stream contains the following text:

```
"Beware the Jabberwock, my son,  
the jaws that bite, the claws that catch,  
Beware the JubJub bird and shun  
the frumious bandersnatch."
```

Then the function should produce the following output:

```
Line 1 has 5 tokens (longest = 11)  
Line 2 has 8 tokens (longest = 6)  
Line 3 has 6 tokens (longest = 6)  
Line 4 has 3 tokens (longest = 14)  
Longest line: the jaws that bite, the claws that catch,
```

You will need to use an **input string stream** to break each line into tokens. Use **make run**, **make test** and **make submit** as usual.

Ask questions on the discussion board if you get stuck or come by my office hours.