**Java End-of-file**

<https://www.hackerrank.com/challenges/java-end-of-file/problem>

"In computing, *End Of File* (commonly abbreviated *EOF*) is a condition in a computer operating system where no more data can be read from a data source." — ([Wikipedia: End-of-file](https://en.wikipedia.org/wiki/End-of-file))

The challenge here is to read *n* lines of input until you reach *EOF*, then number and print all *n* lines of content.

**Hint:** Java's *Scanner.hasNext()* method is helpful for this problem.

**Input Format**

Read some unknown *n* lines of input from *stdin(System.in)* until you reach *EOF*; each line of input contains a non-empty *String*.

**Output Format**

For each line, print the line number, followed by a single space, and then the line content received as input.

**Sample Input**

Hello world

I am a file

Read me until end-of-file.

**Sample Output**

1 Hello world

2 I am a file

3 Read me until end-of-file.