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Java End-of-file ★

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"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)

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.
```

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Difficulty	Easy
Max Score	10
Submitted By	712434

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```
1   import java.io.*;
2   import java.util.*;
3   import java.text.*;
4   import java.math.*;
5   import java.util.regex.*;
6
7   public class Solution {
8
9       public static void main(String[] args) {
10          /* Enter your code here. Read input from STDIN. Print output to STD
                Your class should be named Solution. */
11          Scanner scanner = new Scanner(System.in);
12          int lineNumber = 1; // Initialize line counter
13
14          while (scanner.hasNextLine()) { // Read until EOF
15              String line = scanner.nextLine(); // Read the line
16              System.out.println(lineNumber + " " + line); // Print line numb
                    content
17              lineNumber++; // Increment the line counter
18          }
```

Line: 23 Col: 1

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