

Given a sentence,  $s$ , print each word of the sentence in a new line.

[Change Theme](#) Language: C**Problem****Input Format**

The first and only line contains a sentence,  $s$ .

**Constraints**

$$1 \leq \text{len}(s) \leq 1000$$

**Output Format**

Print each word of the sentence in a new line.

**Sample Input 0**

This is C

**Sample Output 0**

This  
is  
C

**Explanation 0**

In the given string, there are three words ["This", "is", "C"]. We have to print each of these words in a new line.

**Sample Input 1**

Learning C is fun

**Sample Output 1**

Learning  
C  
is  
fun

**Sample Input 2**

```
1  #include <stdio.h>
2  #include <string.h>
3  #include <math.h>
4  #include <stdlib.h>
5
6  int main() {
7
8      char *s;
9      s = malloc(1024 * sizeof(char));
10     scanf("%[^\n]", s);
11     s = realloc(s, strlen(s) + 1);
12     //Write your logic to print the
       tokens of the sentence here.
13
14     char *token = strtok(s, " ");
15     while( token != NULL) {
16         printf("%s\n", token);
17         token = strtok(NULL, " ");
18     }
19
20
21     return 0;
22 }
```

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Line: 17 Col: 35