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# Largest word and it's length

locked

Problem

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In this program, we need to find the largest word present in the string and it's length of the word.

## Example:

**Input:** Good Morning

## Output:

Morning

7

## Explanation:

Word 1: Good - length: 4

Word 2: Morning - length: 7

Here, length of the word(Morning) is greater than length of the word(Good).

**Note:** if you find same length word, you should consider the first word present in the string. Example-> Input: FIND TASK, Output: FIND and 4. Here, FIND and TASK have same length. but FIND is the first word present in the given string.

## Input Format

str -> String.

## Constraints

No constraints

## Output Format

print the desired output.

## Sample Input 0

```
Good Morning
```

## Sample Output 0

```
Morning
7
```

## Sample Input 1

```
Sample Test
```

## Sample Output 1

```
Sample
6
```

Submissions: 46

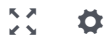
Max Score: 100

Difficulty: Medium

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C



```
1▼ #include <stdio.h>
2  #include <string.h>
3
4  int main()
5▼ {
6▼     char string[100];
7     fgets(string,100,stdin);
8▼     char words[100][100], large[100];
9     int i = 0, j = 0, k, length;
10▼    for(k=0; string[k]!='\0'; k++){
11
12▼        if(string[k] != ' ' && string[k] != '\0'){
13▼            words[i][j++] = string[k];
14        }
15▼        else{
16▼            words[i][j] = '\0';
17            i++;
18            j = 0;
19        }
20    }
21
22    length = i + 1;
23▼    strcpy(large, words[0]);
24▼    for(k = 0; k < length; k++){
25▼        if(strlen(large) < strlen(words[k]))
26▼            strcpy(large, words[k]);
27    }
28    printf("%s\n%d", large,(int)strlen(large));
29    return 0;
30 }
```

Line: 1 Col: 1

[Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code