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Largest word and it's length   🔒 locked

Problem	Submissions	Leaderboard	Discussions

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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More

```c
#include <stdio.h>
#include <string.h>

int main()
{
    char string[100];
    fgets(string,100,stdin);
    char words[100][100], small[100], large[100];
    int i = 0, j = 0, k, length;
    for(k=0; string[k]!='\0'; k++){

        if(string[k] != ' ' && string[k] != '\0'){
            words[i][j++] = string[k];
        }
        else{
            words[i][j] = '\0';
            i++;
            j = 0;
        }
    }

    length = i + 1;
    strcpy(small, words[0]);
    strcpy(large, words[0]);
    for(k = 0; k < length; k++){
        if(strlen(small) > strlen(words[k])){
            strcpy(small, words[k]);
        }
        if(strlen(large) < strlen(words[k]))
            strcpy(large, words[k]);
    }
    printf("%s\n%d", large,(int)strlen(large));
    return 0;
}
```

Line: 1 Col: 1

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