

Answer on Question #44824, Programming, C++

Problem.

4. Write a program to count number of words in string

Solution.

Code

```
#include <iostream>
#include <string>
#include <cctype>

using namespace std;

int main() {
    string input;    // The sentence
    int amount = 0;  // The number of words
    cout << "Enter the string: ";
    getline(cin, input);

    for (int i = 1; i < input.length() - 1; i++) {
        if (isspace(input[i]) && !(isspace(input[i + 1]))) {
            amount++;
        }
    }
    amount++;

    cout << "The number of words in the sentence is " << amount << ".";

    return 0;
}
```

Result

```
Enter the string: What is your name?
The number of words in the sentence is 4.
Process returned 0 (0x0)   execution time : 18.176 s
Press any key to continue.
```