Hands-On Activity 5.1: Function for string length	
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```cpp
#include <iostream>
#include <cstring>
#include <stdexcept>


using namespace std;

void test() throw(runtime_error)
{
    throw runtime_error("Avoid inputting special characters and numbers in name!");
};



int main()
{
    try {
        char word[100];
        int length;
        cout << "Enter your full name: ";
        cin.getline(word, 100);
        length = strlen(word);
        cout << "The total length of characters is: " << length << endl;

        int n = 1;
        for (int i = 0; i < length; i++)
        {
            if (word[i] == ' ')
            {
                n++;
            }
```

Select Microsoft Visual Studio Debug Console — □ X

```
Enter your full name: Rizelle Bautista<88
The total length of characters is: 19
The total length of words is: 2
Avoid inputting special characters and numbers in name!
```

```cpp
        char word[100];
        int length;
        cout << "Enter your full name: ";
        cin.getline(word, 100);
        length = strlen(word);
        cout << "The total length of characters is: " << length << endl;

        int n = 1;
        for (int i = 0; i < length; i++)
        {
            if (word[i] == ' ')
            {
                n++;
            }
            else
            {
                n = n;
            }
        }
        cout << "The total length of words is: " << n << endl;
        test();
        return 0;
    }
    catch (runtime_error r)
    {
        cout << r.what() << endl;
    }
}
```

Conclusions:

I've tried programming my codes that only read the number of letters and spaces, and automatically removes the special characters and numbers. However, my output can't print the length of the total characters in my codes. So, I've tried changing it into a code that only counts the total length of characters without removing the special characters and numbers. I've computed the length of the characters by using library cstring to use the "strength".