**7 kyu**

**Bugfix: Sum of ASCII values in a string**

3194% of32148[Bubbler](https://www.codewars.com/users/Bubbler)

C

* [TRAIN AGAIN](https://www.codewars.com/kata/bugfix-sum-of-ascii-values-in-a-string/train/c)
* [NEXT KATA](https://www.codewars.com/trainer/c)

Details

[Solutions](https://www.codewars.com/kata/bugfix-sum-of-ascii-values-in-a-string/solutions/c)

[Discourse (1)](https://www.codewars.com/kata/bugfix-sum-of-ascii-values-in-a-string/discuss/c)

* Add to Collection
* |
* Share this kata:

**Task**

The given function sum\_ascii is supposed to find the sum of ASCII values of all characters in the given string.

However, it has a very subtle problem in the code, so it does not pass the tests.

Analyze the code carefully, and fix it to pass all tests.

<https://www.codewars.com/kata/bugfix-sum-of-ascii-values-in-a-string/c>

#include <iostream>

#include <stdio.h>

#include <string.h>

using namespace std;

/\*

int sum\_ascii(char string[])

{

int sum = 0;

for (int i = 0; i < sizeof(string) / sizeof(string[0]); i++)

{

sum += (int)string[i];

}

return sum;

}\*/

int sum\_ascii(char string[])

{

int sum = 0;

for (int i = 0; i < strlen(string); i++)

{

sum += (int)string[i];

}

return sum;

}

int sum\_ascii(char string[])

{

int sum = 0;

for (int i = 0; string[i]!='\0'; ++i) //End of string

{

sum += string[i];

}

return sum;

}

int main() {

//char ch[] = "abcd";

char ch[] = "";

printf("%d ",sum\_ascii(ch));

return 0;

}