



# C++ code kata: Week #3 Ordered Alphabet Counter

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Hello 🤖

## Ground statement

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Your problem for this week is to write function named **orderedCounter**. You have to basically count the number of occurrences of each character and return it as a array in order of appearance.

The function will take a string as the single argument and will return an array. e.g. 🖱

```
nFrequency = orderedCounter("QuickSilver");  
/* nFrequency will contain [1,1,2,1,1,1,1,1,1,1] */
```

## Surface #1

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If you have completed **Core Statement**, then for **surface # 1** you have to return an array of arrays with occurance of each letter in individual array. e.g. 🖱

```
nFrequency = orderedCounter("Banana");  
/* nFrequency will contain [['B', 1], ['a', 3], ['n', 2]] */
```

## Tools

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To write solutions you can download tools from:

Tool	Usage	Download Location
Visual Studio Code	Lightweight program editor.	<a href="#">Download</a>
GCC (Linux)	C / C++ Compiler.	<a href="#">Download</a>
MingGW (Windows)	C / C++ Compiler.	<a href="#">Download</a>
XCode toolkit (MacOS)	IDE with multi language support.	<a href="#">Download</a>
Catch2	C++ Test framework	<a href="#">Download</a>

# Test Script

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Test Script for this week's problem can be downloaded from [here](#).

All the best 🍀

***Still have some questions related to this exercise. Reach us at***

1.  **programmingdays (Skype)**