















Points: 315 Rank: 12626



Dashboard > C++ > Classes > Inherited Code

Your Inherited Code submission got 30.00 points.

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X

Inherited Code



Problem

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You inherited a piece of code that performs username validation for your company's website. The existing function works reasonably well, but it throws an exception when the username is too short. Upon review, you realize that nobody ever defined the exception.

The inherited code is provided for you in the locked section of your editor. Complete the code so that, when an exception is thrown, it prints Too short: n (where n is the length of the given username).

Input Format

The first line contains an integer, t, the number of test cases. Each of the t subsequent lines describes a test case as a single username string, u.

Constraints

- $1 \le t \le 1000$
- $1 \le |u| \le 100$
- The username consists only of uppercase and lowercase letters.

Output Format

You are not responsible for directly printing anything to stdout. If your code is correct, the locked stub code in your editor will print either Valid (if the username is valid), Invalid (if the username is invalid), or Too short: n (where n is the length of the too-short username) on a new line for each test case.

Sample Input

3

Peter

Arxwwz

Sample Output

Valid

Too short: 2 Invalid

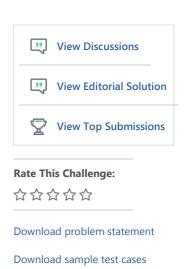
Explanation

Username Me is too short because it only contains **2** characters, so your exception prints **Too short: 2**. All other validation is handled by the locked code in your editor.

Medium

Submitted 13036 times Max Score **30**

Need Help?



f ⊌ in

Run Code

Submit Code

Suggest Edits

```
Current Buffer (saved locally, editable) &
                                                                                    C + +14
 1 ▶ #include ↔
 5 using namespace std;
 7 class BadLengthException
 8 ₹ {
 9 private:
       int m_length;
10
11 public:
12
     BadLengthException()
13
            : m_length(0)
                                     {}
        BadLengthException(const int& length)
14
15
           : m_length(length)
                                     {}
        ~BadLengthException()
16
                                     {}
17 ▼
        const int& what()const {
                                   return m_length;
                                                        }
18 };
20 ▶ bool checkUsername(string username) {↔}
33
34 ▶ int main() {↔}
                                                                                                           Line: 18 Col: 3
```

Congrats, you solved this challenge!

Challenge your friends: f in

Test Case #0

Test Case #1

Test Case #2

Test Case #3

Test Case #4

Test Case #5

Test Case #6

Test Case #9

You've earned 30.00 points.

Next Challenge

Test against custom input

1 Upload Code as File

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