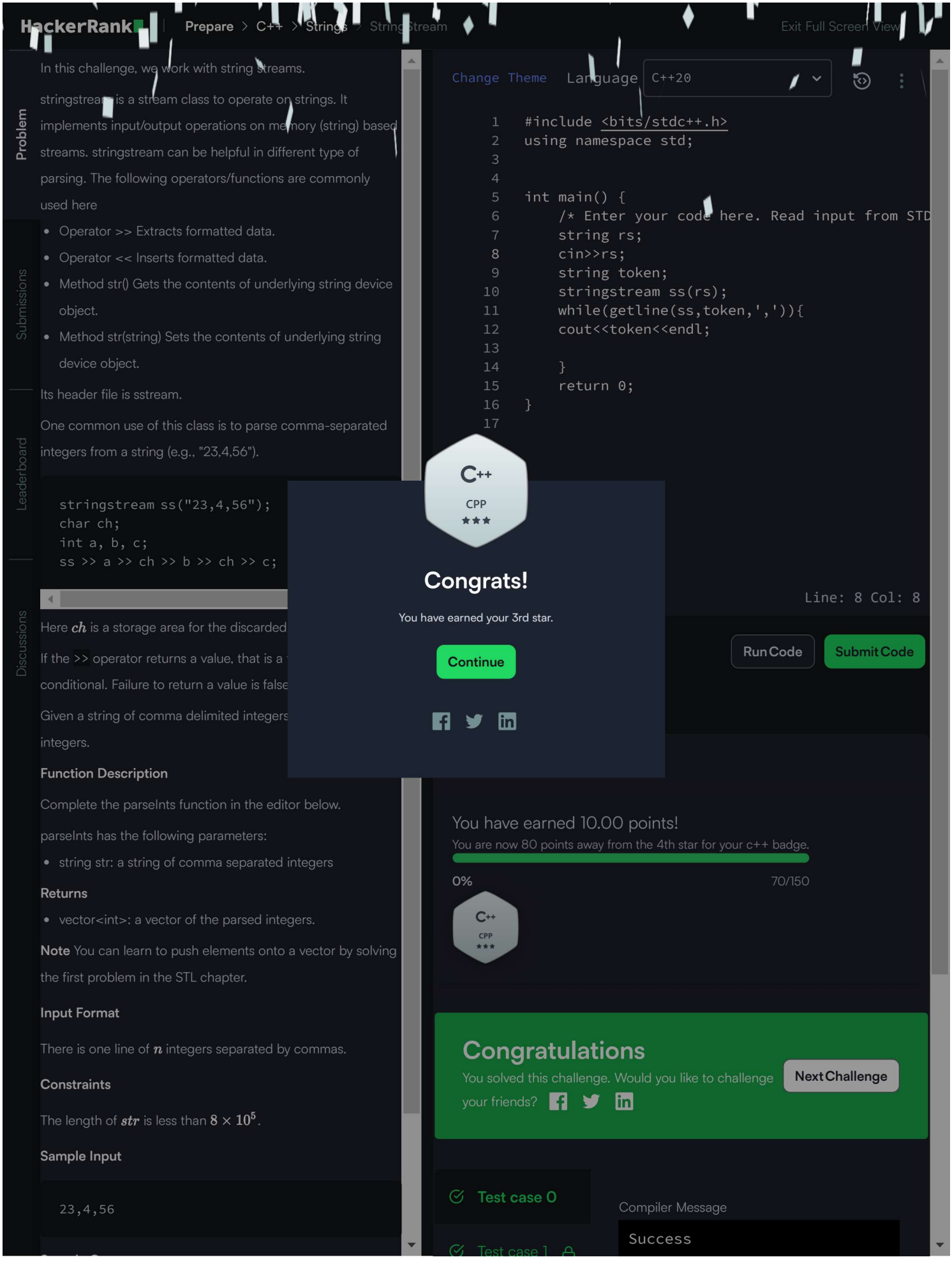
HackerRank
Prepare > C++ > Strings > StringStream
Exit Full Screen View
Problem
Submissions
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Discussions
In this challenge, we work with string streams.
stringstream is a stream class to operate on strings. It implements input/output operations on memory (string) based streams. stringstream can be helpful in different type of parsing. The following operators/functions are commonly used here
Operator >> Extracts formatted data.
Operator << Inserts formatted data.
Method str() Gets the contents of underlying string device object.
Method str(string) Sets the contents of underlying string device object.
Its header file is sstream.
One common use of this class is to parse comma-separated integers from a string (e.g., "23,4,56").
stringstream ss("23,4,56");
char ch;
int a, b, c;
ss >> a >> ch >> b >> ch >> c;
Here ch is a storage area for the discarded
If the >> operator returns a value, that is a
conditional. Failure to return a value is false
Given a string of comma delimited integers
integers.
Function Description
Complete the parseInts function in the editor below.
parseInts has the following parameters:
string str: a string of comma separated integers
Returns
vector<int>: a vector of the parsed integers.
Note You can learn to push elements onto a vector by solving the first problem in the STL chapter.
Input Format
There is one line of n integers separated by commas.
Constraints
The length of str is less than 8×10^5.
Sample Input
23,4,56
Change Theme
Language
C++20
#include <bits/stdc++.h>
using namespace std;
int main() {
/* Enter your code here. Read input from STD
string rs;
cin>>rs;
string token;
stringstream ss(rs);
while(getline(ss,token,',')){
cout<<token<<endl;
}
return 0;
}
C++
CPP
Congrats!
You have earned your 3rd star.
Continue
Line: 8 Col: 8
Run Code
Submit Code
You have earned 10.00 points!
You are now 80 points away from the 4th star for your c++ badge.
0%
70/150
Congratulations
You solved this challenge. Would you like to challenge your friends?
Next Challenge
Test case 0
Test case 1
Compiler Message
Success