



# StringStream ☆

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## Problem

## Submissions

## Leaderboard

stringstream is a stream class to operate on strings. It basically 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; // a = 23, b = 4, c = 56
```

You have to complete the function `parseInts(string str)`. `str` will be a string consisting of comma-separated integers, and you have to return a vector of `int` representing the integers.

**Note** If you want to know how to push elements in a vector, solve the first problem in the STL chapter.

### Input Format

The first and only line consists of `n` integers separated by commas.

### Output Format

Print the integers after parsing it.

P.S.: I/O will be automatically handled. You need to complete the function only.

### Sample Input

```
23,4,56
```

### Sample Output

```
23
4
56
```



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```
1  #include <sstream>
2  #include <vector>
3  #include <iostream>
4  #include <cstring>
5  using namespace std;
6
7  vector<int> parseInts(string str) {
8      // Complete this function
9      vector<int> v;
10     int i,a,count=0;
11     char c;
12     char ch[str.size()];
13     stringstream ss(str);
14     for(i=0;i<str.size();i++)
15     {
16         if(str.substr(i,1)=="") count++;
17     }
18     for(i=0;i<=count ;i++)
19     {
20         ss>> a>>ch[i];
21         v.push_back(a);
22     }
```

Line: 16 Col: 26

☒ Upload Code as File ☐ Test against custom input

Run Code

Submit Code

You have earned 10.00 points!

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50%

110/150



## Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

✔ Test case 0

✔ Test case 1

✔ Test case 2

✔ Test case 3

Compiler Message

Success

Input (stdin)

1 23,4,56

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Test case 4

Test case 5

Expected Output	
1	23
2	4
3	56

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