

stringstream

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 *vector 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