

Question 22

amazon nozama

Given a string, print the first word which has its reverse word further ahead in the string.

Input Format :

A string of space separated words, ending with a '\$'.

Conditions :

Each string ends with a \$ character. All characters in the string are either spaces, \$ or lower

Output Format :

In a single line print either :

- The first word, from the start of the string, which has its reverse also present in the string.
- The '\$' character, if no such word is present.

Output 1:
asked

Input 2:
asked you a question\$
Output 2:
\$

Sample Input	Sample Output
the sweet dove died\$	\$

Note: Your code should be able to convert the sample input into the sample output. However, this is not enough to pass all test cases. Therefore, your code must solve this problem statement.

Time Limit: 10.0 sec(s) for each input file
Memory Limit: 256 MB
Source Limit: 1024 KB
Marking Scheme: Marks are awarded if any testcase passes
Allowed Languages: C, C++, C++14, C#, Java, Java 8, JavaScript(Node.js), Python, Python 3

New Submission

C++14 (g++ 5.4.0)

```
4 {
5     string str;
6     getline(cin,str);
7     vector<std::string> result;
8     istringstream iss(str);
9     for(std::string str; iss >> str; )
10    { //cout<<str<<endl;
11        result.push_back(str);
12    }
13    string z = result.back();
14    result.pop_back();
15    z= z.substr(0,z.size()-1);
16    result.push_back(z);
17    //cout<<z<<endl;
18    std::vector<string>::iterator it;
19    int x,f=0;
20    for(x=1;x<result.size();x++)
21    {
22        reverse(result[x-1].begin(),result[x-1].end());
23        it = std::find (result.begin()+x, result.end(), result[x-1]);
24        if (it != result.end())
25        {
26            f=1;
27            reverse(result[x-1].begin(),result[x-1].end());
28            cout<<result[x-1];
29            break;
30        }
31    }
32    if(f==0)
33    cout<<"$";
```

Provide custom input

COMPILE & TEST

SUBMIT

Submission ID: 25611527 / 4 seconds ago

RESULT: Partially Accepted

Score	Time (sec)	Memory (KiB)	Language
25.0	0.5354	64	C++14

Input	Result	Time (sec)
Input #1		0.109649
Input #2		0.106201
Input #3		0.100771
Input #4		0.107706
Input #5		0.111069

Compilation Log

No compilation log for this submission.