

Two Strings

Problem	Submissions	Leaderboard	Discussions
---------	-------------	-------------	-------------

Submitted a few seconds ago • Score: 100.00
 Status: Accepted

✓	Test Case #0	✓	Test Case #1	✓	Test Case #2
✓	Test Case #3	✓	Test Case #4	✓	Test Case #5
✓	Test Case #6	✓	Test Case #7		

Submitted Code

Language: C++

Open in editor

```

1 #include <bits/stdc++.h>
2
3 using namespace std;
4
5 string ltrim(const string &);
6 string rtrim(const string &);
7
8 /*
9  * Complete the 'twoStrings' function below.
10  *
11  * The function is expected to return a STRING.
12  * The function accepts following parameters:
13  * 1. STRING s1
14  * 2. STRING s2
15  */
16
17 string twoStrings(string s1, string s2) {
18     // initiating a map to stor characters
19     map<char, int>myMap;
20     // iterating through the chars of s1 and storing it in myMap
21     for(int i = 0; i < (int)s1.size(); i++) {
22         myMap[s1[i]] = 1;
23     }
24     // checking if chars from s2 already in myMap
25     for(int i = 0; i < (int)s2.size(); i++){
26         if(myMap[s2[i]]) {
27             return "YES";
28         }
29     }
30     return "NO";
31 }
32
33 int main()

```

```

34 {
35     ofstream fout(getenv("OUTPUT_PATH"));
36
37     string q_temp;
38     getline(cin, q_temp);
39
40     int q = stoi(ltrim(rtrim(q_temp)));
41
42     for (int q_itr = 0; q_itr < q; q_itr++) {
43         string s1;
44         getline(cin, s1);
45
46         string s2;
47         getline(cin, s2);
48
49         string result = twoStrings(s1, s2);
50
51         fout << result << "\n";
52     }
53
54     fout.close();
55
56     return 0;
57 }
58
59 string ltrim(const string &str) {
60     string s(str);
61
62     s.erase(
63         s.begin(),
64         find_if(s.begin(), s.end(), not1(ptr_fun<int, int>(isspace)))
65     );
66
67     return s;
68 }
69
70 string rtrim(const string &str) {
71     string s(str);
72
73     s.erase(
74         find_if(s.rbegin(), s.rend(), not1(ptr_fun<int, int>(isspace))).base(),
75         s.end()
76     );
77
78     return s;
79 }
80

```