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HOME TOP CONTESTS GYM PROBLEMSET GROUPS RATING EDU API CALENDAR HELP DELTIX ROUNDS 2021

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS HACKS STANDINGS CUSTOM INVOCATION

General

#	Author	Problem	Lang	Verdict	Time	Memory	Sent	Judged		
123119312	Virtual: TheKing003KS #	1473B - 20	GNU C++14	Accepted	46 ms	3652 KB	2021-07-20 18:50:25	2021-07-20 18:50:26		Compare

→ Source

Copy

```
#include<iostream>
#include<limits.h>
#include<math.h>
#include<vector>
#include<string>
#include<queue>
#include<stack>
#include<set>
#include<map>
#include<unordered_set>
#include<unordered_map>
#include<algorithm>
using namespace std;

#define ll long long
#define ull unsigned long long
#define modulo 1000000007
#define mp make_pair
#define pb push_back

bool check(string& str1, string& str2)
{
    string temp = str1 + str1;
    for(int i = 0, j = 0; i < temp.length(); i++, j++)
    {
        if(j == str2.length()) {j = 0;}
        if(temp[i] != str2[j]) {return false;}
    }
    return true;
}

int gcd(int a, int b)
{
   if (b == 0) {return a;}
   return gcd(b, a % b);
}

int lcm(int a, int b)
{
    return (a*b)/gcd(a,b);
}

int main()
{
    ll int tests;
    cin >> tests;
    while(tests--)
    {
        string str1, str2;
        cin >> str1 >> str2;

        bool flag;
        if(str1.length() > str2.length())
        {
            flag = check(str1,str2);
```

```
        }
        else {flag = check(str2,str1);}

        if(!flag) {cout << -1;}
        else
        {
            int x = str1.length();
            int y = str2.length();

            if(x == y) {cout << str1;}
            else if(x > y)
            {
                if(x%y == 0) {cout << str1;}
                else
                {
                    int temp = lcm(x,y)/x;
                    string ans;
                    while(temp--) {ans += str1;}
                    cout << ans;
                }
            }
            else
            {
                if(y%x == 0) {cout << str2;}
                else
                {
                    int temp = lcm(x,y)/y;
                    string ans;
                    while(temp--) {ans += str2;}
                    cout << ans;
                }
            }
        }

        cout << "\n";
    }

    return 0;
}
```

1

Time: 0 ms, **memory**: 3640 KB

Verdict: OK

Input

```
3
baba
ba
aa
aaa
aba
ab
```

Participant's output

```
baba
aaaaaa
-1
```

Jury's answer

```
baba
aaaaaa
-1
```

Checker comment

```
ok 3 tokens
```

2

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
2000
a
a
a
b
a
```

```
b
b
b
a
aa
aa
b
ba
a
ba
b
ab
a
b
ab
bb
a
bb
b
aa
aa
ba
aa
aa
ab
bb
aa
aa
ba
ba
ba
ab
ba
ba
bb
ab
aa
ab
ba
ab
ab
ab
bb
bb
aa
ba
bb
ab
bb
bb
bb
a
aaa
b
aaa
a
baa
baa
b
aba
a
aba
b
bba
a
b
bba
aab
a
b
aab
bab
a
b
bab
abb
a
b
abb
```

```
a
bbb
b
bbb
aa
aaa
aaa
ba
aaa
ab
bb
aaa
aa
baa
baa
ba
baa
ab
baa
bb
aba
aa
ba
aba
aba
ab
bb
aba
bba
aa
ba
bba
bba
ab
bb
bba
aab
aa
aab
ba
aab
ab...
```

Participant's output

```
a
-1
-1
b
aa
-1
-1
-1
-1
-1
-1
bb
aa
-1
-1
-1
-1
ba
-1
-1
-1
-1
ab
-1
-1
-1
-1
bb
aaa
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
bbb
aaaaaa
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
bbbbbb
aaa
-1
-1
-1
-1
-1
-1
-1
-1
baa
-1
-1
-1
-1
-1
-1
-1
-1
aba
-1
-1
-1
-1
-1
-1
-1
-1
bba
-1
-1
-1
-1
-1
-1
-1
-1
aab
-1
```

```
-1
-1
-1
-1
-1
-1
-1
bab
-1
-1
-...
```

Jury's answer

```
a
-1
-1
b
aa
-1
-1
-1
-1
-1
-1
bb
aa
-1
-1
-1
-1
ba
-1
-1
-1
-1
ab
-1
-1
-1
-1
bb
aaa
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
bbb
aaaaaa
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
bbbbbb
aaa
-1
-1
-1
-1
-1
-1
-1
-1
baa
-1
-1
-1
-1
-1
-1
-1
-1
aba
-1
-1
-1
-1
-1
-1
-1
-1
bba
-1
-1
-1
-1
-1
-1
-1
-1
aab
-1
-1
-1
-1
-1
-1
-1
-1
bab
-1
-1
-...
```

Checker comment

```
ok 2000 tokens
```

3

Time: 15 ms, **memory**: 3640 KB

Verdict: OK

Input

```
2000
bbbbababbbbbba
babbaabaaabab
aaaaaaaaaaaaaaaa
aaaaaaaa
babaabbbaabbb
babaabbbaabbb
bbabbbab
bbabbbabbbabbbabbbab
```

```
babbaabbabbaab
babbaabbabbaab
ba
bababababa
abaaaaaababa
abaaaaaababa
aabaaaaa
aabaaaaa
bababababa
bababababababababa
bbabbbbbabbabbbbba
bbabbbbbabbabbbbba
aabbbbab
baab
abbaab
babbbbbabaabaaabab
aabbbabbaaabbbabba
aabbbabbaaabbbabba
bbbbbbbbbbbbbbbb
bbbb
abababbbaaaababababb
abababbbaaaababababb
bbbaaabaaaaa
aabababbbb
aabbbabbaaba
aabbbabbaaba
bbbba...
```

Participant's output

```
-1
aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
```

Jury's answer

```
-1
aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
```

Checker comment

```
ok 2000 tokens
```

4

Time: 31 ms, **memory**: 3636 KB

Verdict: OK

Input

```
2000
babbbbababbbbbbaab
bbaabaaabbbbbbbabba
bbaabbabaabbbaabbba
abbaaabbbabbbbbbbab
bbbbbbbbbbbbbbbbbbb
bbbbbbbbbbbbbbbbbbb
bbbbbbbbbbbbbbbbbbb
bbbbbbbbbbbbbbbbbbb
bbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbb
bbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaaa
aaabbbabaaaabababab
abbaabbbabbbbbabbab
bbbbbbbbbbbbbbbbbbb
bbbbbbbbbbb...
```

Participant's output

```
-1
-1
bbbbbbbbbbbbbbbbbb
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

6

Time: 15 ms, **memory**: 3636 KB

Verdict: OK

Input

```
2000
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa...
```

Participant's output

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Jury's answer

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

Checker comment
ok 2000 tokens

7

Time: 15 ms, **memory**: 3648 KB

Verdict: OK

Input

```
2000
baaaaaaaaabaaabbbbb
aaaabaababaababbaab
aabaaababaaaaaaaaab
baabaaaaaabbaaaaaba
ababbaabbbaaaaababb
ababaaababbbabbaaaa
aaaaaaaaabaabbbaaaa
aaaaabaaaabaabaaaa
aabaabbaaaabaaaaaaa
baaaaaaaaaaaaabbaba
abaaabaaaabaaabaaa
baabaaabbbabbbaabaa
aabaaabaaaaabbaaaab
ababaabbbaabaaaaaab
aabaaaaaaabaabaaabaa
aaaaaabaaaaabaaabab
bbaaaabaabaaaabaaaa
aabababababaaaaaaba
aaaaababbbbabababbb
baabbaaaaabbaaabab
abaaabaaababbaaabab
baaaaaaaabbbbaaaaba
aabaaaabababaaaaaaa
abaababaaaaaaaaaaba
a...
```

Participant's output

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1...
```

Jury's answer

```
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
aaaaaaaaaaaaaaaaaab
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaab
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaab
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaab
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaab
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaab
aaaaaaaaaaaaaaaaaab
aaaaaaaaaaaaaaaaaab
aaaaaaaaaaaaaaaaaab...
```

Participant's output

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

9

Time: 31 ms, **memory**: 3640 KB

Verdict: OK

Input

```
2000
ababababababababab
abababababababababaa
ababababababababab
abababababababababaa
abababababababababab
abababababababababaa
ababababababababab
abababababababababaa
ababababababababab
abababababababababaa
ababababababababab
abababababababababaa
ababababababababab
abababababababababaa
ababababababababab
abababababababababaa
ababababababababab
abababababababababaa
ababababababababab
abababababababababaa
ababababababababab
abababababababababaa
ababababababababab
abababababababababaa
ababababababababab
abababababababababaa
ababababababababab...
```

Participant's output

```
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

10

Time: 30 ms, **memory**: 3644 KB

Verdict: OK

Input

```
2000
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bbbbbbbbbbbbbbbbbbbb
a
bb...
```

Participant's output

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

11

Time: 15 ms, **memory**: 3644 KB

Verdict: OK

Input

```
2000
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaa...
```

Participant's output

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

12

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input

```
13
a
a
a
a
a
a
a
a
a
a
a
a
a
a
a
a
a
a
a
a
a
a
a
a
a
a
```

Participant's output

```
a
a
a
a
a
a
a
a
a
a
a
a
a
```

Jury's answer

```
a
a
a
a
a
a
a
a
a
a
a
a
a
```

Checker comment

```
ok 13 tokens
```

13

Time: 30 ms, **memory**: 3640 KB

Verdict: OK

Input

```
2000
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaaaaaaaaaaaaaaaab
a
aaaaa...
```

Participant's output

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

Input

```
2000
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaaa
aaaaaaaaaaaaaaaaaaa
```

```
a
abababababababababab
a
abababababababababab
a
ababa...
```

Participant's output

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

16

Time: 30 ms, **memory**: 3644 KB

Verdict: OK

Input

```
2000
abaabaabaabaabaaba
abaabaabaabaaba
abaabaabaabaabaaba
abaabaabaabaaba
abaabaabaabaabaaba
abaabaabaabaaba
```

```
abaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaaba
abaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaaba
abaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaaba
abaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaabaaba...
```

Checker comment

```
ok 2000 tokens
```

17

Time: 30 ms, **memory**: 3636 KB

Verdict: OK

Input

```
2000
bbaabaaaaabbbbbbbaba
abbabbabbaabababaaab
bbabbabbbabaabbbbbba
babbbbbbbbbababbbaab
bbaaaaaabaababbaaabb
aaabbbababaabbbaaaab
aababbbabaaabaaabbbb
aaaaaaababbbbbabbaba
abababbbaabaaaababaa
abaabbbbaababaaabaab
babbabbaabaaabbabbbb
aababbbbbbbaabaabbbb
abababbaabaaabaaaabb
abbbabbaaaabbaabbbaa
babbbbababaabbaababb
babbaabaababbaaaabaa
bbabbbbaabaabaababab
aaaabbbaababbbabbbaa
babaababbaaabbabaaaa
aababaabbbbbbaabaaba
babaabaabbabbbbababb
abaaaabbbbbbababbbaa
baabbaaababbaaaabaab...
```

Participant's output

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Jury's answer

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
aabaababaaaababbbbbbb
aababababababbbbbbba
aabaababaaaababbbbbbb
aababababababbbbbbba
aabaababaaaababbbbbbb
aababababababbbbbbba
aabaababaaaababbbbbbb
aababababababbbbbbba
aabaababaaaababbbbbbb
aababababababbbbbbba
aabaababaaaababbbbbbb
aababababababbbbbbba
aabaababaaaababbbbbbb
aababababababbbbbbba
aabaababaaaababbbbbbb
aababababababbbbbbba
aabaababaaaababbbbbbb
aababababababbbbbbba
aabaababaaaababbbbbbb...
```

Participant's output

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
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-1
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-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

19

Time: 31 ms, **memory**: 3648 KB

Verdict: OK

Input

```
2000
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbababbbbbbab
bbaabbabaabbbaabbba
abbaaabbbab...
```

Participant's output

```
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

20

Time: 15 ms, **memory**: 3652 KB

Verdict: OK

Input

```
2000
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbbba
bbbbbbbbb...
```

Participant's output

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
ok 2000 tokens
```

21

Time: 30 ms, **memory**: 3652 KB

Verdict: OK

Input

```
2000
aaaaaaaaaaaaaaaaaaaa
baaaaaaaaaaaaaaaaaaa
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1...
```

Jury's answer

```
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
bbbbbbbbbbbbbbbbbb
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbb
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbb
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbb
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbb
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbb
bbbbbbbbbbbbbbbbbba
bbbbbbbbbbbbbbbbbb
bbbbbbbbbbbbbbbbbba
bbbbbbbbb...
```

Participant's output

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
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-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

ok 2000 tokens

23

Time: 46 ms, **memory**: 3636 KB

Verdict: OK

Input

```
2000
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
abababababababab
babababababababa
a...
```

Participant's output

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

24

Time: 30 ms, **memory**: 3636 KB

Verdict: OK

Input

```
1999
bababababababbababaa
aaaaaaaaaaaaaaaaaaaa
bababababababbababaa
aaaaaaaaaaaaaaaaaaaa
bababababababbababaa
aaaaaaaaaaaaaaaaaaaa
bababababababbababaa
aaaaaaaaaaaaaaaaaaaa
bababababababbababaa
aaaaaaaaaaaaaaaaaaaa
bababababababbababaa
aaaaaaaaaaaaaaaaaaaa
bababababababbababaa
aaaaaaaaaaaaaaaaaaaa
bababababababbababaa
aaaaaaaaaaaaaaaaaaaa
bababababababbababaa
aaaaaaaaaaaaaaaaaaaa
bababababababbababaa
aaaaaaaaaaaaaaaaaaaa
bababababababbababaa
aaaaaaaaaaaaaaaaaaaa
bababababababbababaa
aaaaaaaaaaaaaaaaaaaa
bababababababbababaa...
```

Participant's output

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
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-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Jury's answer

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

Checker comment
ok 1999 tokens

25

Time: 31 ms, **memory**: 3648 KB

Verdict: OK

Input

```
2000
aba
aaa
aba
aaa
aba
aaa
```

```
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
aaa
aba
...
```

Participant's output

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1...
```

Jury's answer

```
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
aaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbb
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
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-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

27

Time: 0 ms, **memory**: 3648 KB

Verdict: OK

Input

```
1
abababababbb
ab
```

Participant's output

```
-1
```

Jury's answer

```
-1
```

Checker comment

```
ok "-1"
```

28

Time: 15 ms, **memory**: 3652 KB

Verdict: OK

Input

```
2000
abababababababababab
abababababababababa
abababababababababab
abababababababababa
abababababababababab
abababababababababa
abababababababababab
abababababababababa
abababababababababab
abababababababababa
abababababababababab
```

```
abababababababababa
ababababababababababab
abababababababababa
ababababababababababab
abababababababababa
ababababababababababab
abababababababababa
abababababababababababab
abababababababababa
ababababababababababab
abababababababababa
ababababababababababab
ababababababababa...
```

Participant's output

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
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-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

29

Time: 46 ms, **memory**: 3648 KB

Verdict: OK

Input

```
2000
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbb...
```

Participant's output

```
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

30

Time: 15 ms, **memory**: 3652 KB

Verdict: OK

Input

```
2000
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
ababbaabbbabaaababb
ababaaabbbbbabbaaaa
a...
```

Participant's output

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

31

Time: 15 ms, **memory**: 3636 KB

Verdict: OK

Input

```
2000
a
b
a
b
a
b
```

```
a
b
a
b
a
b
```

```
b
a
b
a
b
a
b
a
b
a
b
a
b
a
b
a
b
a...
```

Participant's output

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
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-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment

```
ok 2000 tokens
```

32

Time: 31 ms, **memory**: 3636 KB

Verdict: OK

Input

```
2000
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb...
```

Participant's output

```
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Checker comment
ok 2000 tokens

33

Time: 30 ms, **memory**: 3640 KB

Verdict: OK

Input

```
2000
bab
bbb
bab
bbb
bab
bbb
```

```
bab
bbb
bab
bbb
bab
bbb
bab
bbb
bab
bbb
bab
bbb
bab
bbb
bab
bbb
bab
bbb
bab
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bab
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bab
bbb
bab
bbb
bab
bbb
bab
bbb
bab
bbb
bab
bbb
bab
bbb
bab
...
```

Participant's output

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
-1
-1
```

```
ok 2000 tokens
```

34

Time: 30 ms, **memory**: 3644 KB

Verdict: OK

Input

```
2000
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
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aaaaaaaaaaaaaaaaaaaa
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aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aaaaaaaaaaaaaaaaaaaa
b
aa...
```

Participant's output

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

```
-1
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-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1...
```

Jury's answer

```
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
-1
```

```
-1
-1
-1
```

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The only programming contests Web 2.0 platform
Server time: Aug/20/2021 12:35:41 (j2).
Desktop version, switch to mobile version.
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