

General

#	Author	Problem	Lang	Verdict	Time	Memory	Sent	Judged		
122215804	Practice: TheKing003KS	1481A - 32	GNU C++14	Accepted	31 ms	3904 KB	2021-07-12 16:37:17	2021-07-12 16:37:17	★	Compare

→ Source

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```

#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

int main()
{
    ll int tests;
    cin >> tests;
    while(tests--)
    {
        ll int a, b;
        cin >> a >> b;
        string str;
        cin >> str;

        char ch1, ch2;
        if(a > 0) {ch1 = 'R';}
        else {ch1 = 'L'; a = -a;}
        if(b > 0) {ch2 = 'U';}
        else {ch2 = 'D'; b = -b;}

        for(int i = 0; i < str.length(); i++)
        {
            if(a > 0 && str[i] == ch1) {a--;}
            else if(b > 0 && str[i] == ch2) {b--;}

            if(a == 0 && b == 0) {break;}
        }
        if(a == 0 && b == 0) {cout << "YES\n";}
        else {cout << "NO\n";}
    }

    return 0;
}

// LL int n;
// cin >> n;
// vector<LL int> arr(n);
// for(auto i = 0; i < n; i++) {cin >> arr[i];}

```

```
// for(auto i = 0; i < n; i++) {cout << arr[i] << " ";}
// sort(begin(arr),end(arr));
```

1**Time:** 0 ms, **memory:** 3636 KB**Verdict:** OK**Input**

6

10 5

RRRRRRRRRRUUUUU

1 1

UDDDRLLL

-3 -5

LDLDDDDR

1 2

LLLLUU

3 -2

RDULRLDR

-1 6

RUDURUUUR

Participant's output

YES

YES

YES

NO

YES

NO

Jury's answer

YES

YES

YES

NO

YES

NO

Checker comment

ok 6 token(s): yes count is 4, no count is 2

2**Time:** 15 ms, **memory:** 3636 KB**Verdict:** OK**Input**

668

100000 -100000

LDLD

1 0

LDDDLDRURURU

10 0

RRRRRRRRRRLLLLLLLLLLLLDD

100000 100000

D

1 1

DULL

-3 3

UDUDRLRLRLRL

-100000 -100000

DL

1 1

UURR

1 0

L

1 1

L

0 1

L

1 -1

L

0 -1

L

-1 -1

L

```
-1 0
L
-1 -1
L
1 0
D
1 1
D
0 1
D
1 -1
D
0 -1
D
-1 -1
D
-1 0
D
-1 -1
D
1 0
R
1 1
R
0 1
R
1 -1
R
0 -1
R
-1 -1
R
-1 0
R
-1 -1
R
1 0
U
1 1
U
0 1
U
1 -1
U
0 -1
U
-1 -1
U
-1 0
U
-1 -1
U
1 0
LL
1 1
LL
0 1
LL
1 -1
LL
0 -1
LL
-1 -1
LL
-1...
```

Participant's output

```
NO
YES
YES
NO
NO
YES
NO
YES
NO
NO
NO
NO
NO
```

NO
NO
YES
NO
NO
NO
NO
NO
YES
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NO
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YES
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NO
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YES
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YES
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YES
NO
NO

Jury's answer

5/15

NO
NO
NO
NO
YES
YES
YES
YES
YES
NO
NO
NO
NO
NO
YES
NO
NO
NO
YES
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YES
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YES
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NO
YES
YES
NO
NO
NO...

Checker comment
ok 668 token(s): yes count is 164, no count is 504

☐ OK YES

OK NO

YES

```
ok 25 token(s): yes count is 13, no count is 12
```

NO


```
ok 30 token(s): yes count is 3, no count is 27
```

2 -4
RDDL DLRDD

YES

Jury's answer

11/15

```
ok 1000 token(s): yes count is 999, no count is 1
```

YES
YES
YES
YES
YES
YES
YES
YES

[illegible]

[illegible]

ok 100 token(s): yes count is 100, no count is 0



ITMO UNIVERSITY