

## General

#	Author	Problem	Lang	Verdict	Time	Memory	Sent	Judged		
124019619	Virtual: <a href="#">TheKing003KS</a> #	<a href="#">1459A</a> - 8	GNU C++14	Accepted	46 ms	3660 KB	2021-07-28 13:20:29	2021-07-28 13:20:29	★	<a href="#">Compare</a>

## → 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 int
#define ull unsigned long long int
#define modulo 1000000007
#define mp make_pair
#define pb push_back

int main()
{
    ll tests;
    cin >> tests;
    while(tests--)
    {
        int n;
        cin >> n;
        string red, blue;
        cin >> red >> blue;

        int ans = 0;
        for(int i = 0; i < n; i++)
        {
            if(red[i] > blue[i]) {ans++;}
            else if(red[i] < blue[i]) {ans--;}
        }
        if(ans == 0) {cout << "EQUAL";}
        else if(ans > 0) {cout << "RED";}
        else {cout << "BLUE";}

        cout << "\n";
    }

    return 0;
}

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

```

```
// for(LL i = 0; i < n; i++) {cout << arr[i] << " ";}

// sort(begin(arr),end(arr));
```

**1****Time:** 30 ms, **memory:** 3640 KB**Verdict:** OK**Input**

```
3
3
777
111
3
314
159
5
09281
09281
```

**Participant's output**

```
RED
BLUE
EQUAL
```

**Jury's answer**

```
RED
BLUE
EQUAL
```

**Checker comment**

ok 3 tokens

**2****Time:** 0 ms, **memory:** 3644 KB**Verdict:** OK**Input**

```
100
4
6005
8005
8
73457301
57854371
10
1083891399
3985861313
2
63
73
1
5
5
9
664738999
027763969
2
41
55
4
0914
8904
2
05
22
1
5
5
7
3417827
6234877
1
8
9
2
02
```

```
92
6
771355
721556
7
8296963
7755115
8
74170419
94130989
8
78831881
89031891
5
00384
05587
7
3223688
2602044
8
26941182
45391144
10
9578031676
5549936570
5
07331
76375
9
144619041
364425367
1
1
2
8
72749026
43749528
3
012
757
1
1
9
1
2
9
6
324156
274856
6
090323...
```

**Participant's output**

```
BLUE
BLUE
EQUAL
BLUE
EQUAL
RED
BLUE
EQUAL
EQUAL
BLUE
BLUE
BLUE
BLUE
RED
BLUE
BLUE
BLUE
RED
EQUAL
RED
BLUE
BLUE
BLUE
BLUE
BLUE
```

### Jury's answer

**Checker comment**  
ok 100 tokens

6/29

RED  
RED  
RED  
BLUE  
BLUE  
RED  
RED  
RED  
BLUE  
BLUE  
BLUE  
BLUE  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
RED  
RED  
RED  
EQUAL  
RED  
BLUE  
BLUE  
BLUE  
BLUE  
RED  
BLUE  
RED  
RED  
BLUE  
BLUE  
RED  
BLUE  
RED  
RED  
RED  
BLUE  
RED  
BLUE  
RED  
RED  
BLUE  
BLUE  
RED  
BLUE  
RED  
RED  
BLUE  
RED

BLUE  
BLUE  
BLUE  
RED  
RED  
BLUE  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
RED  
RED  
RED  
RED  
RED  
RED  
RED  
BLUE  
RED  
BLUE  
BLUE  
RED  
RED  
BLUE  
RED  
BLUE  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
EQUAL  
BLUE...

**Checker comment**  
ok 100 tokens

4

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

**Verdict:** OK

**Input**

100

1

6

3

1

9

0

1

8

2

1

1

1

1

8

5

1

8

8

1

7

4

1

8

8

1

7

9

1

8

8



1  
4  
3  
1  
6  
7  
1  
3  
5  
1  
5  
7  
1  
8  
6  
1  
7  
5  
1  
9  
9  
1  
5  
2  
1  
0  
0  
1  
3  
5  
1  
0  
0  
1  
7  
0  
1  
9  
9  
1  
5  
0  
1  
9  
9  
1  
2  
6  
1  
4  
4  
1  
6  
9  
1  
2  
5  
1  
9  
9  
1  
2  
2  
1  
6  
0  
1  
8  
0  
1  
5  
1  
1  
5  
2  
1  
3  
3  
8  
1

1  
5  
1  
8  
3  
1  
7  
9  
1  
2  
7  
1  
5  
4  
1  
8  
3  
1  
4  
4  
1  
5  
4  
1  
5  
3  
1  
5  
2  
1  
0  
9  
1  
6  
0  
1  
7  
2  
1  
3  
3  
1  
2  
9  
1  
9  
7  
1  
4  
3  
1  
3  
9  
1  
3  
3  
1  
3  
8  
1...

**Participant's output**

RED  
RED  
RED  
EQUAL  
RED  
EQUAL  
RED  
EQUAL  
BLUE  
EQUAL  
RED  
BLUE  
BLUE  
BLUE  
RED  
RED  
EQUAL

RED  
EQUAL  
BLUE  
EQUAL  
RED  
EQUAL  
RED  
EQUAL  
BLUE  
EQUAL  
BLUE  
BLUE  
EQUAL  
EQUAL  
RED  
RED  
RED  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
RED  
RED  
EQUAL  
RED  
RED  
RED  
BLUE  
RED  
RED  
RED  
EQUAL  
BLUE  
RED  
RED  
BLUE  
EQUAL  
BLUE  
RED  
RED  
EQUAL  
BLUE  
EQUAL  
EQUAL  
EQUAL  
BLUE  
BLUE  
BLUE  
EQUAL  
RED  
EQUAL  
BLUE  
BLUE  
BLUE  
RED  
RED  
RED  
EQUAL  
RED  
EQUAL  
RED  
BLUE  
EQUAL  
BLUE  
EQUAL  
BLUE  
BLUE  
RED  
BLUE  
BLUE...

**Jury's answer**

RED  
RED  
RED  
EQUAL  
RED  
EQUAL  
RED

EQUAL  
BLUE  
EQUAL  
RED  
BLUE  
BLUE  
BLUE  
RED  
RED  
EQUAL  
RED  
EQUAL  
BLUE  
EQUAL  
RED  
EQUAL  
RED  
EQUAL  
BLUE  
EQUAL  
BLUE  
BLUE  
EQUAL  
EQUAL  
EQUAL  
RED  
RED  
RED  
RED  
RED  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
RED  
RED  
RED  
EQUAL  
RED  
RED  
RED  
BLUE  
RED  
RED  
RED  
EQUAL  
BLUE  
RED  
RED  
BLUE  
BLUE  
EQUAL  
BLUE  
RED  
RED  
EQUAL  
BLUE  
EQUAL  
EQUAL  
EQUAL  
BLUE  
BLUE  
EQUAL  
RED  
EQUAL  
BLUE  
BLUE  
RED  
RED  
RED  
RED  
EQUAL  
RED  
EQUAL  
RED  
BLUE  
EQUAL  
BLUE  
EQUAL  
BLUE  
BLUE  
BLUE  
RED

BLUE  
BLUE...  
**Checker comment**  
ok 100 tokens

5

**Time:** 0 ms, **memory:** 3632 KB

**Verdict:** OK

**Input**

100  
10  
7333311771  
1377317313  
10  
0400464466  
4006600464  
10  
4141141414  
1514511515  
10  
3403000043  
3333340043  
10  
0082088288  
2088208080  
10  
0077701100  
1700017711  
10  
0390393330  
3993909339  
10  
8382322888  
3222332328  
10  
4200244202  
2220042000  
10  
9002922909  
2092202990  
10  
1813881831  
8888838383  
10  
4554949959  
9559499549  
10  
0707676607  
7000770700  
10  
7837883333  
8378373838  
10  
6885668586  
5656856858  
10  
0050955095  
0500995050  
10  
5339599533  
3395553933  
10  
0040446444  
4646046466  
10...

**Participant's output**

BLUE  
RED  
BLUE  
BLUE  
EQUAL  
BLUE  
BLUE  
RED  
RED

[illegible]

[illegible]

**Checker comment**  
ok 100 tokens

RED  
RED  
BLUE  
BLUE  
BLUE  
BLUE  
BLUE  
RED  
RED  
RED  
RED  
RED  
BLUE  
RED  
RED  
BLUE  
BLUE  
BLUE  
BLUE  
EQUAL  
RED  
BLUE  
RED  
BLUE  
BLUE  
RED  
RED  
BLUE  
BLUE  
BLUE  
BLUE  
RED  
RED  
BLUE  
RED  
RED  
RED  
BLUE  
BLUE  
RED  
RED  
BLUE  
BLUE  
BLUE  
RED  
BLUE  
BLUE



RED  
RED  
BLUE  
BLUE  
BLUE  
BLUE  
BLUE  
RED  
RED  
RED  
RED  
BLUE  
RED  
RED  
BLUE  
BLUE  
BLUE  
BLUE  
EQUAL  
RED  
BLUE  
RED  
BLUE  
BLUE  
RED  
RED  
BLUE  
RED  
BLUE  
BLUE  
BLUE  
BLUE  
BLUE  
BLUE  
RED

**Checker comment**  
ok 100 tokens

BLUE  
BLUE  
EQUAL  
RED  
BLUE  
BLUE  
RED

[illegible]

BLUE  
BLUE  
RED  
BLUE  
BLUE  
RED  
BLUE  
RED  
EQUAL  
BLUE  
BLUE  
EQUAL  
BLUE  
RED  
BLUE  
EQUAL  
EQUAL  
RED  
EQUAL  
BLUE  
RED  
EQUAL  
RED  
BLUE  
RED  
BLUE  
RED  
RED  
BLUE  
EQUAL  
RED  
BLUE  
EQUAL  
RED  
RED  
RED  
RED  
BLUE  
BLUE  
EQUAL  
RED  
RED  
RED  
RED  
BLUE  
BLUE  
BLUE  
RED  
RED  
RED  
RED  
BLUE  
BLUE  
BLUE  
EQUAL

**Checker comment**  
ok 100 tokens

[illegible]

### Jury's answer

22/29

**Checker comment**  
ok 100 tokens

### Input

100	
1000	
226519793948064144270146709622295913468013267400705331801632518861145388556854609666437234379854517184422519480432923188565405637526520206251578312889917572898358612668693939519322195669299672570766	
Participant's output	
BLUE	
RED	
BLUE	
BLUE	
BLUE	
RED	
BLUE	
RED	
BLUE	
BLUE	
BLUE	
BLUE	
RED	
RED	
RED	
BLUE	
BLUE	
RED	
BLUE	
RED	
RED	
BLUE	
RED	
BLUE	
BLUE	
RED	
RED	
BLUE	
RED	
BLUE	
RED	
BLUE	
RED	
BLUE	
BLUE	
RED	
RED	
BLUE	
RED	
BLUE	
RED	
RED	
BLUE	
RED	
RED	
RED	
RED	
RED	
RED	
BLUE	
BLUE	
BLUE	
RED	
RED	
BLUE	
RED	
RED	



RED  
BLUE  
BLUE  
RED  
RED  
RED  
BLUE  
RED  
RED  
RED  
BLUE  
RED  
RED  
RED  
BLUE  
BLUE  
BLUE  
BLUE  
BLUE  
RE...

**Jury's answer**

BLUE  
RED  
BLUE  
BLUE  
BLUE  
RED  
BLUE  
RED  
BLUE  
BLUE  
BLUE  
BLUE  
RED  
RED  
RED  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
BLUE  
RED  
BLUE  
BLUE  
RED  
RED  
RED  
BLUE  
BLUE  
RED  
RED  
RED  
BLUE  
BLUE  
RED  
RED  
BLUE  
RED  
RED  
BLUE  
BLUE  
BLUE

**Checker comment**  
ok 100 tokens

**Time:** 31 ms, **memory:** 3656 KB

### Input

100  
1000

### Participant's output

1

RED  
RED  
RED  
RED  
RED  
RED

**RED**

RED  
RED  
RED  
RED  
RED  
RED  
RED  
RED  
RED  
RED  
RED  
RED  
RED  
RED  
RED

**Checker comment**  
ok 100 tokens

---

[Codeforces](#) (c) Copyright 2010-2021 Mike Mirzayanov  
The only programming contests Web 2.0 platform  
Server time: Aug/20/2021 12:11:50 (j2).  
Desktop version, switch to [mobile version](#).  
[Privacy Policy](#)

Supported by



ITMO UNIVERSITY