VK Cup

команда вконтакте

| 🇬🇧 🇷🇺

TheKing003KS | Logout

✉ You have **+416! Wow!**

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

Maintenance works on Round 739. Don't be surprised. Please, read the post.   ✕

PROBLEMS   SUBMIT CODE   MY SUBMISSIONS   STATUS   HACKS   ROOM   STANDINGS   CUSTOM INVOCATION

General ▶

#	Author	Problem	Lang	Verdict	Time	Memory	Sent	Judged		
123023129	Virtual: **TheKing003KS** [#]	1530A - 10	GNU C++14	**Accepted**	30 ms	3652 KB	2021-07-19 16:47:55	2021-07-19 16:48:04	⭐	Compare

→ Source

Copy

```cpp
#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()
{
```

```cpp
    ll int tests;
    cin >> tests;
    while(tests--)
    {
        ll int n;
        cin >> n;
        int maxi = -1;
        while(n > 0)
        {
            maxi = max(maxi,int(n%10));
            n /= 10;
        }
        cout << maxi;

        cout << "\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**: 3640 KB

Verdict: OK

Input
3
121
5
1000000000

Participant's output
2
5
1

Jury's answer
2
5
1

Checker comment
ok 3 number(s): "2 5 1"

2

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

Verdict: OK

Input
```
1000
98660
833685271
47701153
32
605
9777
2361614
93216505
336528
347590600
413010097
253530
462804442
760108166
101001110
163
6876
11314240
102002100
410204543
1
1515844
2590
598432434
3
60539384
210
40137
901620489
1020
90
83854958
590810642
93
719892417
500744
47480180
665224525
517747315
111583193
51
64992103
38025077
707022367
220002525
```

6164
310302332
15962
41014445
3221
158056
328388060
212025556
425635247
303340074
693
916061591
687041801
99...

Participant's output

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8
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Jury's answer

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4...
```

Checker comment
```
ok 1000 numbers
```

3

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

Verdict: OK

Input
```
1000
392925404
248381012
165084418
197543535
649359762
441377310
151713488
342925691
877115624
525791690
897595718
484316911
871211300
143258148
506269540
386995686
56885663
211974448
716045949
633268203
410459974
206647972
908133049
186652543
159709468
146784875
164475796
381833366
11601590
350201635
934878301
779929370
935226557
884059296
132229304
776216935
95545200
1325159
731988252
677513933
951926559
143383603
609961302
510767634
27730609
547349620
35674...
```

Participant's output

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Jury's answer

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7
8
9...
```

Checker comment
```
ok 1000 numbers
```

4

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

Verdict: OK

Input
```
1000
425020
82
159603
59
152036060
34
9
12
7220439
51
```

```
935382
1694812
13468
342965
14
81
9856
472687
557
3167
6
994
67
5
48432994
302406
1554
235317
8
304202
277350
879967
799
507542681
34596
251559563
9884
92
1
6251
248544122
411562
3
2
35
995757183
89561686
64
6
4
7
7436255
78656
6449418
9331
789967131
1685
73693880
9
954
8117
827
```

```
502173
83457
271616
785
239
42
124
5975
29028
9
1
1231
1541
148849
406
27106
5513
513749
6291208...
```

Participant's output

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5
8
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2
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9
8
9
4
8
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7
8
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7
9
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7
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8
9
2
9
8
8...
```

Jury's answer

```
5
8
9
9
6
4
9
2
9
5
9
9
8
9
4
8
```

```
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8
9
2
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8
8...

Checker comment

```
ok 1000 numbers
```

5

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

Verdict: OK

Input
```
1
1
```

Participant's output
```
1
```

Jury's answer
```
1
```

Checker comment
```
ok 1 number(s): "1"
```

6

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

Verdict: OK

Input
```
1000
359
140
857
529
160
151
3
388
67
713
439
195
907
658
760
623
129
665
73
533
464
410
420
692
445
```

```
441
956
228
122
101
131
645
19
994
721
481
560
517
51
513
118
435
304
488
479
60
168
21
257
438
687
638
634
928
349
542
338
900
27
222
959
586
818
165
134
102
71
135
929
460
666
455
465
805
309
16
469
```

43
683
142
541
434
200
962
112
979
901
452
965
361
430
875
170
480
795
701
723
463
509
296
610
896
82
329...

Participant's output

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4
8
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6
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7
5
6
4
4
9

```
5
4
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8
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Jury's answer
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8

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6...

Checker comment
ok 1000 numbers

7

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

Verdict: OK

Input
1000
999999636
999999529
999999775
999999927
999999238
999999960
999999386
999999009
999999696
999999189
999999509
999999332
999999940
999999919
999999167
999999286
999999257
999999840
999999355
999999646
999999513
999999622
999999480
999999227
999999380
999999984
999999748
999999098
999999196
999999365
999999578
999999811
999999856
999999833

```
999999011
999999548
999999170
999999760
999999088
999999658
999999624
999999974
999999505
999999425
999999050
999999945...
```

Participant's output

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Jury's answer

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9...
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Checker comment
```
ok 1000 numbers
```

8

Time: 0 ms, **memory**: 3652 KB

Verdict: OK

Input
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1000
1000000000
1000000000
1000000000
1000000000
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1...
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Participant's output
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Jury's answer

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Checker comment
```
ok 1000 numbers
```

9

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

Verdict: OK

Input
```
1000
769323745
507587833
707255526
867665391
863295557
547035270
750893049
478502783
252416791
276989429
593107731
633825226
110911067
717269800
731775298
```

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233897134
265300965
524917376
137537918
704806840
855361215
665975482
361751845
638307425
518018116
605856027
300516496
907540222
888129728
802091953
841408812
382948966
451661117
639547071
154811351
818738880
174615867
997536714
543338123
942313841
579815936
737056388
657520572
375636929
991417352
843321084...
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Participant's output
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Jury's answer

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Checker comment
```
ok 1000 numbers
```

10

Time: 0 ms, **memory**: 3652 KB

Verdict: OK

Input
```
1000
3540
59
95
51553
8
414017
1020
22
5015
537340
26
113541000
18105
12143
103201432
3001
750672347
454216053
2211120
1320
3330333
1010
30223
7470
2037
23
21202
230132342
2414104
211310
```

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983
2626416
333
3435340
2
400
2210
3
1010
202102211
52
353223
121400223
1123332
14413
5443164
8403229
4134
10
10111
312
1110010
1088900
1766
367685316
201133234
11010111
655
43
12012
111
62500516
3
220
1120111
11212
254
50
676044025
303374455
72
164545...
```

Participant's output
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Jury's answer

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Checker comment
ok 1000 numbers

11

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

Verdict: OK

Input
1000
522234032
340324421
122001110
221220211
219127663
202121003
843213094
970873996
113231212
106201435
820366147
544313734
11101000
22201
410502010
451002652
11100000
326471278
733161985

740921523
34130464
11011000
221310130
323033013
518112873
221021021
345054026
401044430
442042841
13231032
915219702
614660027
630375453
113155116
676071604
479738163
210301311
562408738
482321716
284020023
111100
122211011
366455324
222113404
133435735
431243206
553823376
. . .

Participant's output
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Jury's answer

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Checker comment
ok 1000 numbers

Supported by

ITMO UNIVERSITY