



TheKing003KS | Logout
✉ You have +416! Wow!

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

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS HACKS ROOM STANDINGS CUSTOM INVOCATION

General

#	Author	Problem	Lang	Verdict	Time	Memory	Sent	Judged	
124439394	Practice: TheKing003KS	1554B - 26	GNU C++14	Accepted	389 ms	4948 KB	2021-07-31 18:52:26	2021-07-31 18:52:26	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 int
#define ull unsigned long long int
#define modulo 1000000007
#define mp make_pair
#define pb push_back

ll max(ll a, ll b) {if(a > b) {return a;} return b;}

int main()
{
    ll tests;
    cin >> tests;
    while(tests--)
    {
        ll n, k;
        cin >> n >> k;
        vector<ll> arr(n);
        for(ll i = 0; i < n; i++) {cin >> arr[i];}

        ll ans = LLONG_MIN;
        for(ll i = max(0,n-201); i < n-1; i++)
        {
            for(ll j = i+1; j < n; j++)
            {
                ans = max(ans,((i+1)*(j+1))-k*(arr[i]|arr[j]));
            }
        }
        cout << ans;
        cout << "\n";
    }
    return 0;
}

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



```
0 0 0 1
4 4
0 0 0 2
4 3
0 0 0 2
4 2
0 0 0 2
4 1
0 0 0 2
4 4
0 0 0 3
4 3
0 0 0 3
4 2
0 0 0 3
4 1
0 0 0 3
4 4
0 0 0 4
4 3
0 0 0 4
4 2
0 0 0 4
4 1
0 0 0 4
4 4
0 0 1 1
4 3
0 0 1 1
4 2
0 0 1 1
4 1
0 0 1 1
4 4
0 0 1 2
4 3
0 0 1 2
4 2
0 0 1 2
4 1
0 0 1 2
4 4
0 0 1 2
4 3
0 0 1 3
4 3
0 0 1 3
4 2
0 0 1 3
4 1
0 0 1 3
4 4
0 0 1 4
4 3
0 0 1 4
4 2
0 0 1 4
4 1
0 0 1 4
4...
```

Participant's output

```
12
12
12
12
8
9
10
11
6
6
8
10
6
6
6
9
6
6
6
```

```
8
8
9
10
11
2
3
6
9
2
2
3
6
9
2
3
4
7
4
6
6
8
10
2
3
6
9
2
2
2
6
2
3
6
9
2
2
2
5
2
2
4
8
8
9
10
11
2
3
6
9
2
3
6
9
2
3
4
7
4
6
8
10
0
3
6
9
-2
-1
0
6
0
3
6
9
-2
-1
0
5
-2
0
```

```
4  
8  
4  
6  
8  
10  
0  
3  
6  
9  
-2  
0  
2  
6  
0  
3  
6  
9  
-6  
-3  
0  
5  
-4  
0  
4  
8  
0  
3  
6  
9  
-6  
-3  
0  
5  
-4  
0  
4  
8  
8  
9  
10  
11  
2  
3  
6  
9  
2  
3  
6  
9  
2  
3  
4  
7  
4  
6  
8  
8  
10  
0...
```

Jury's answer

```
12  
12  
12  
12  
8  
9  
10  
11  
6  
6  
8  
10  
6  
6
```

```
6  
9  
6  
6  
6  
8  
8  
9  
10  
11  
2  
3  
6  
9  
2  
3  
6  
9  
2  
3  
4  
7  
4  
6  
8  
10  
2  
3  
6  
9  
2  
2  
2  
6  
2  
3  
6  
9  
2  
2  
2  
5  
2  
2  
4  
8  
8  
9  
10  
11  
2  
3  
6  
9  
2  
3  
6  
9  
2  
3  
4  
7  
4  
6  
8  
10  
0  
3  
6  
9  
-2  
-1  
0  
6  
0  
3  
6  
9  
-2
```

```
-1
0
5
-2
0
4
8
4
6
8
10
0
3
6
9
-2
0
2
6
0
3
6
9
-6
-3
0
5
-4
0
4
8
0
3
6
9
-6
-3
0
5
-4
0
4
8
-4
0
4
8
8
9
10
11
2
3
6
9
2
3
6
9
2
3
4
7
4
6
8
10
0...
```

Checker comment
ok 4688 numbers

4

Time: 233 ms, **memory:** 4420 KB

Verdict: OK

Input

399910992
399841222

Checker comment
ok 15 numbers

7

Time: 342 ms, **memory:** 4420 KB

Verdict: OK

Input

3

100000 78
12144 33687 2635 37062 80924 73109 68105 67930 27192 18976 80824 67659 14568 19850 43510 16977 92147 34986 4904 10398 4137 24649 41054 11015 80176 43300 13234 93259 73989 78691 48502 45197 36582 905

Participant's output

9996094218
9997293578
9995295802

Jury's answer

9996094218
9997293578
9995295802

Checker comment

ok 3 number(s): "9996094218 9997293578 9995295802"

8

Time: 327 ms, **memory:** 4044 KB

Verdict: OK

Input

6

50000 97
32900 14500 31810 4167 31979 41666 49773 14736 15159 602 32802 11848 45918 31043 43331 37183 49709 22330 30799 17002 27638 5563 16928 36903 49858 17586 43484 13329 31437 14155 23555 47399 18595 3445

Participant's output

2497545071
2497746018
2498846577
2498048455
2497541385
2497646320

Jury's answer

2497545071
2497746018
2498846577
2498048455
2497541385
2497646320

Checker comment

ok 6 numbers

9

Time: 327 ms, **memory:** 3720 KB

Verdict: OK

Input

30

10000 61
1725 8558 2895 6267 1861 3670 9430 4759 547 1933 5424 4937 8501 4991 8840 5975 1585 3267 1717 4459 2062 873 2198 5197 5517 9011 2476 2417 329 214 9014 38 5777 8495 5012 6906 8679 2403 7776 7194 7508

Participant's output

99683469
99704723
99662299
99508620
99541090
99499464
99707303
99544773
99522275
99785190
99564981
99545016

```
99889064  
99706906  
99546276  
99527762  
99969281  
99580252  
99745311  
99663616  
99682428  
99648105  
99647178  
99685767  
99602875  
99545611  
99586775  
99566373  
99868456  
99645002
```

Jury's answer

```
99683469  
99704723  
99662299  
99508620  
99541090  
99499464  
99707303  
99544773  
99522275  
99785190  
99564981  
99545016  
99889064  
99706906  
99546276  
99527762  
99969281  
99580252  
99745311  
99663616  
99682428  
99648105  
99647178  
99685767  
99602875  
99545611  
99586775  
99566373  
99868456  
99645002
```

Checker comment
ok 30 numbers**10****Time:** 311 ms, **memory:** 3660 KB**Verdict:** OK**Input**

```
300  
1000 64
```

```
552 650 901 633 60 754 560 187 270 689 179 682 634 184 614 633 432 907 404 156 411 836 329 355 678 231 958 581 378 956 762 251 554 648 264 934 385 443 282 0 325 614 475 62 241 552 723 88 962 473 905
```

Participant's output

```
963448  
949836  
991812  
968909  
947041  
966427  
952292  
965573  
974713  
950700  
949229  
962433  
947092  
950040  
954191
```

953276
967089
958040
942438
953413
946468
954904
946153
959404
955042
987627
961079
964567
953602
958998
953800
967637
961592
957216
948212
965358
973222
963453
945554
945615
946670
984786
970010
944744
968558
950046
953215
971115
969608
979514
958628
958418
978633
946153
954443
958937
981162
966364
947786
947951
969969
957654
961740
952447...

Jury's answer

963448
949836
991812
968909
947041
966427
952292
965573
974713
950700
949229
962433
947092
950040
954191
953276
967089
958040
942438
953413
946468
954904
946153
959404
955042
987627
961079
964567

```
953602
950998
953800
967637
961592
957216
948212
965358
973222
963453
945554
945615
946670
984786
970010
944744
968558
950046
953215
971115
969608
979514
950628
958418
978633
946153
954443
950937
981162
966364
947786
947951
969969
957654
961740
952447...
```

Checker comment
ok 300 numbers

11

Time: 295 ms, **memory:** 3652 KB

Verdict: OK

Input

```
10000
30 26
17 18 5 4 17 21 25 25 8 13 9 3 1 8 14 12 2 2 12 1 14 22 14 22 3 8 12 19 3 11
30 19
27 6 2 12 22 8 14 9 11 0 12 28 21 1 23 20 24 21 27 1 13 7 0 19 11 28 30 5 0 4
30 9
0 19 22 24 6 22 0 15 8 1 6 17 16 2 18 18 15 4 28 18 3 10 5 2 7 2 16 9 25 24
30 29
14 28 12 1 26 11 22 13 25 0 26 12 11 20 20 24 12 27 28 28 18 2 16 8 1 9 29 6 7 12
30 7
28 14 1 21 9 11 23 23 8 8 9 27 24 26 10 30 12 8 17 6 27 1 27 2 22 5 19 30 12 19
30 4
0 29 3 15 21 9 18 25 30 25 29 7 16 2 28 24 4 8 25 0 20 24 19 13 29 ...
```

Participant's output

```
647
794
645
609
677
754
450
485
552
688
432
375
570
425
378
487
511
551
```

```
637
606
786
528
618
425
504
800
543
615
462
474
466
637
567
737
445
630
428
670
723
765
435
637
541
592
357
385
228
668
645
469
557
840
587
600
555
412
553
618
392
622
665
591
587
541
728
432
866
431
698
642
420
723
432
201
727
651
398
802
753
360
667
690
702
567
510
564
714
571
541
855
435
663
570
605
845
533
619
```

```
467  
469  
620  
650  
756  
6...  
Jury's answer
```

```
647  
794  
645  
609  
677  
754  
450  
485  
552  
688  
432  
375  
570  
425  
378  
487  
511  
551  
637  
606  
786  
528  
618  
425  
504  
800  
543  
615  
462  
474  
466  
637  
567  
737  
445  
630  
428  
670  
723  
765  
435  
637  
541  
592  
357  
385  
228  
668  
645  
469  
557  
840  
587  
600  
555  
412  
553  
618  
392  
622  
665  
591  
587  
541  
728  
432  
866  
431  
698  
642  
420
```

```
723  
432  
201  
727  
651  
398  
802  
753  
360  
667  
690  
702  
567  
510  
564  
714  
571  
541  
855  
435  
663  
570  
605  
845  
533  
619  
467  
469  
620  
650  
756  
6...
```

Checker comment
ok 10000 numbers

12

Time: 77 ms, **memory:** 3652 KB

Verdict: OK

Input

```
10000  
3 2  
1 2 0  
3 2  
1 1 2  
3 2  
3 1 0  
3 2  
1 1 0  
3 2  
2 0 0  
3 2  
3 0 1  
3 2  
2 2 3  
3 2  
1 1 0  
3 2  
2 3 3  
3 1  
1 0 0  
3 2  
1 2 2  
3 2  
2 3 2  
3 2  
0 3 1  
3 1  
0 3 1  
3 2  
0 1 2  
3 1  
0 2 2  
3 2  
2 3 2  
3 2
```

```
2 2 2
3 3
0 3 1
3 2
2 1 3
3 2
0 0 2
3 3
1 1 2
3 2
3 0 3
3 2
3 2 0
3 2
2 2 2
3 1
3 0 3
3 2
1 0 1
3 1
2 2 3
3 2
2 1 2
3 2
3 0 3
3 1
3 3 1
3 1
0 2 1
3 1
3 0 0
3 3
2 0 2
3 2
0 3 1
3 2
0 0 3
3 2
1 3 0
3 2
1 3 1
3 2
0 3 0
3 1
3 1 0
3 2
3 2 0
3 2
1 1 2
...
```

Participant's output

```
2
0
4
4
6
4
0
4
0
6
2
0
1
3
0
4
0
2
0
0
2
-1
0
0
2
2
3
4
```

```
3
0
0
3
3
6
0
1
2
1
1
3
5
2
0
0
4
4
3
4
-3
1
3
1
3
3
0
0
0
0
0
0
0
0
2
5
4
3
0
0
0
6
2
2
0
0
2
1
2
3
0
5
4
0
4
4
3
0
5
4
0
1
0
1
0
4
0
0
2
0
3
0
3
0
6
0
0
3
2
4
0
1
```

```
0  
0  
4  
3  
2  
6  
0  
1  
3  
6  
2  
4  
-3  
0  
4  
6  
0  
2  
3  
2  
1  
0  
0  
0  
3  
1  
1  
3  
4  
3  
4  
0  
0  
4  
3  
0  
3  
5  
3  
0  
0  
3  
4  
4  
3  
2  
0  
0  
0  
4  
0  
4  
3  
6  
4  
4  
2  
4  
4  
5  
4  
2  
0  
4...
```

Jury's answer

```
2  
0  
4  
4  
6  
4  
0  
4  
0  
6  
2  
0  
1
```

```
3
0
4
0
0
2
0
0
2
-1
0
2
2
3
4
3
0
0
3
3
6
0
1
2
1
1
3
5
2
0
0
4
4
3
4
-3
1
3
1
3
3
0
0
0
0
0
0
0
2
5
4
3
0
0
0
6
2
2
0
0
2
1
2
3
0
5
4
0
4
4
3
0
5
4
0
1
0
1
0
4
0
0
0
```

```
2
0
3
0
3
0
6
0
0
3
2
4
0
1
0
0
4
3
2
6
0
1
3
6
2
4
-3
0
4
6
0
2
3
2
1
0
0
0
3
1
1
3
4
3
4
0
0
4
3
0
3
5
3
0
0
3
4
4
3
2
0
0
0
4
0
4
3
6
4
4
2
4
4
5
4
2
0
0
4...
```

Checker comment
ok 10000 numbers

13

Time: 61 ms, **memory:** 3632 KB

Verdict: OK

Input

10000

2 1

1 0

2 1

2 1

2 1

2 0

2 1

0 0

2 1

0 1

2 1

0 1

2 1

1 0

2 1

0 2

2 1

0 2

2 1

0 1

2 1

0 1

2 1

1 1

2 2

2 0

2 1

1 0

2 1

0 0

2 2

1 2

2 2

2 0

2 1

2 0

2 1

1 2

2 1

0 1

2 1

2 0

2 1

2 1

2 1

2 1

0 2

2 1

2 1

2 1

1 2

2 1

2 2

2 1

0 1

2 1

2 0

2 1

0 2

2 1

0 0

2 1

1 1

```
2 1
2 2
2 1
2 2
2 1
1 2
2 1
0 0
2 1
1 1
2 2
0 2
2 2
1 0
2 1
0 0
2 1
2 0
2 1
0 2
2 1
2 2
2 1
1 0
2 1
2 2
2 1
1 0
2 1
0 2
2 1...
2 1...
```

Participant's output

```
1
-1
0
2
1
1
1
0
0
1
1
1
-2
1
2
-4
-2
0
0
-1
1
0
-1
-1
-1
-1
0
-1
-1
0
1
0
0
2
1
0
0
-1
2
1
-2
0
2
0
0
```

```
0
0
1
0
1
0
-1
-1
2
0
1
1
-1
2
2
0
0
-1
2
-2
0
1
2
0
-1
1
-1
2
0
-1
2
1
0
1
1
0
0
0
0
0
2
-1
1
0
1
1
1
1
-1
0
-1
0
2
0
0
0
0
1
-1
1
0
0
0
-1
0
2
-1
0
1
0
1
0
1
2
0
1
1
-1
-1
-1
-1
1
```

```
-2
-1
0
1
0
-1
0
-1
0
1
-1
1
1
-1
0
0
-1
0
1
-1
1
-1
2
1
2
0
0
0
0
-1
-2
0
0
...

```

Jury's answer

```
1
-1
0
2
1
1
1
0
0
1
1
1
-2
1
2
-4
-2
0
0
-1
1
0
-1
-1
-1
0
-1
-1
0
1
0
0
2
1
0
0
-1
2
1
-2
0
2
```

```
0
0
0
0
1
0
1
0
-1
-1
2
0
1
1
-1
2
2
0
0
-1
2
-2
0
1
2
0
-1
1
-1
2
0
-1
2
1
0
1
1
0
0
0
0
2
-1
1
0
1
1
1
1
-1
0
-1
0
2
0
0
0
1
-1
1
0
0
-1
0
2
-1
0
1
0
1
0
1
2
0
1
1
-1
-1
-1
```

```
-1  
1  
-2  
-1  
0  
1  
0  
-1  
0  
-1  
0  
1  
-1  
1  
1  
-1  
0  
0  
-1  
0  
1  
-1  
1  
-1  
2  
1  
2  
0  
0  
0  
0  
0  
-1  
-2  
0  
0  
...
```

Checker comment
ok 10000 numbers

14

Time: 296 ms, **memory:** 3644 KB

Verdict: OK

Input

```
500  
600 54  
6 138 340 532 198 180 5 273 63 175 402 155 441 72 375 217 354 303 428 150 66 397 298 119 476 119 405 239 31 90 92 155 243 59 131 591 410 563 311 226 595 138 207 493 551 426 260 158 546 281 183 14 66
```

Participant's output

```
342524
```

```
329814
```

```
334081
```

```
336042
```

```
327426
```

```
336144
```

```
327093
```

```
330138
```

```
330422
```

```
353907
```

```
331125
```

```
332933
```

```
334057
```

```
340942
```

```
344297
```

```
342238
```

```
352588
```

```
329105
```

```
334833
```

```
324284
```

```
334185
```

```
327710
```

```
328790
```

```
332003
```

```
327103
```

```
331062
```

```
330972
```

```
327555  
333801  
329989  
331429  
326430  
339506  
351384  
328286  
333526  
332820  
324387  
323918  
330255  
327741  
343182  
332275  
324585  
345716  
335972  
329244  
326022  
346437  
330395  
327160  
334650  
325895  
350703  
325358  
344750  
357692  
326535  
333096  
324765  
328329  
330954  
328137  
326720...
```

Jury's answer

```
342524  
329814  
334081  
336042  
327426  
336144  
327093  
330138  
330422  
353907  
331125  
332933  
334057  
340942  
344297  
342238  
352588  
329195  
334833  
324284  
334185  
327710  
328790  
332003  
327103  
331062  
330972  
327555  
333801  
329989  
331429  
326430  
339506  
351384  
328286  
333526  
332820  
324387  
323918  
330255
```

```
327741
343182
332275
324585
345716
335972
329244
326022
346437
330395
327160
334650
325895
350703
325358
344750
357692
326535
333096
324765
328329
330954
328137
326720...
```

Checker comment
ok 500 numbers

15

Time: 296 ms, **memory:** 3652 KB

Verdict: OK

Input

```
600
500 75
82 18 395 217 3 397 497 335 337 442 298 302 364 124 126 66 413 4 378 88 269 286 398 93 379 234 333 426 104 258 51 93 265 241 377 48 149 441 26 278 218 67 118 479 355 454 224 422 6 389 219 142 346 24
```

Participant's output

```
227837
```

```
226122
```

```
242057
```

```
228426
```

```
232599
```

```
242858
```

```
237299
```

```
223329
```

```
228133
```

```
225064
```

```
226482
```

```
231677
```

```
224399
```

```
226320
```

```
220052
```

```
225309
```

```
222587
```

```
230116
```

```
233785
```

```
228880
```

```
236665
```

```
228891
```

```
225852
```

```
230636
```

```
240008
```

```
223031
```

```
239868
```

```
224912
```

```
223220
```

```
231342
```

```
237699
```

```
232793
```

```
219384
```

```
227733
```

```
229443
```

```
246363
```

```
229886
```

```
233987
```

```
236156
```

```
235582
```

222288
222691
217581
223524
229798
222495
229214
224615
225840
226211
223172
225428
244703
235116
223722
239631
221565
222951
222112
225353
248388
229331
232178
222277...

Jury's answer

227837
226122
242057
228426
232599
242858
237299
223329
228133
225064
226482
231677
224399
226320
220052
225309
222587
230116
233785
228880
236665
228891
225852
230636
240008
223031
239868
224912
223220
231342
237699
232793
219384
227733
229443
246363
229886
233987
236156
235582
222288
222691
217581
223524
229798
222495
229214
224615
225840
226211
223172
225428
244703

```
235116
223722
239631
221565
222951
222112
225353
248388
229331
232178
222277...
```

Checker comment
ok 600 numbers

16

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

Verdict: OK

Input

```
1
2 1
2 2
```

Participant's output

```
0
```

Jury's answer

```
0
```

Checker comment

ok 1 number(s): "0"

17

Time: 311 ms, **memory:** 4376 KB

Verdict: OK

Input

```
3
71826 83
50358 55705 56458 20879 56068 33358 20937 60226 12178 22559 11471 38056 8905 18304 47990 46076 11956 14914 37621 21896 42087 59440 5990 66203 54996 6609 38293 46908 46693 66093 34763 39409 57529 261
```

Participant's output

```
5156022277
7125802350
8594297284
```

Jury's answer

```
5156022277
7125802350
8594297284
```

Checker comment

ok 3 number(s): "5156022277 7125802350 8594297284"

18

Time: 217 ms, **memory:** 4140 KB

Verdict: OK

Input

```
6
26843 47
15950 22494 25443 19144 22249 14135 151 25886 18507 20455 26385 4132 7426 9061 530 26481 636 7247 7050 24302 23757 20184 7873 14075 17438 2045 24767 24118 20339 11127 11985 25312 26526 4478 772
```

Participant's output

```
719927666
1252128418
1309679252
177672154
1292214818
662304530
```

Jury's answer

```
719927606
1252128418
1309679252
177672154
1292214818
662304530
```

Checker comment
ok 6 numbers

19

Time: 217 ms, **memory:** 3756 KB

Verdict: OK

Input

```
30
5782 77
3353 628 2713 1990 4534 4793 1454 4241 2683 2923 2249 4158 1800 713 1816 5345 4436 3731 1219 4778 5366 2413 2149 1648 4674 990 625 557 5006 4503 5520 1152 1559 5192 3828 3409 2586 3707 470 339 343 1
```

Participant's output

```
33199399
23738484
48819610
94325702
22691530
53918102
16844474
21387066
90059216
23511760
26708520
64837205
76161430
25109612
31244477
39948496
31648808
73357670
23836388
98692022
17271992
54327074
83199694
59339172
42930306
27004696
15715113
81240516
76232449
84700714
```

Jury's answer

```
33199399
23738484
48819610
94325702
22691530
53918102
16844474
21387066
90059216
23511760
26708520
64837205
76161430
25109612
31244477
39948496
31648808
73357670
23836388
98692022
17271992
54327074
83199694
59339172
42930306
27004696
15715113
81240516
76232449
84700714
```

Checker comment
ok 30 numbers

20**Time:** 327 ms, **memory:** 3644 KB**Verdict:** OK**Input**

```
3000
99 86
51 75 81 43 84 99 53 53 18 95 5 59 46 0 14 85 74 36 57 98 82 65 77 27 20 87 93 13 93 30 99 27 93 64 91 13 83 5 53 72 75 2 62 67 6 25 4 27 98 29 51 73 47 66 4 63 3 41 10 50 27 26 80 15 48 40 29 13 27
100 64
54 11 77 36 40 77 19 1 47 71 9 45 25 20 51 46 84 42 98 21 8 18 23 82 64 76 17 32 83 29 40 46 66 40 66 64 89 48 41 54 4 0 79 57 45 64 68 22 6 18 94 86 81 62 82 28 84 26 31 48 29 58 94 98 96 48 74 81
```

Participant's output

7230

8829

8509

8885

8805

7569

8069

9261

8960

6693

8310

7883

7034

8029

8108

8220

5610

6916

7056

7822

6928

8897

8342

6321

7079

7554

7017

8963

9061

7458

7746

7983

8782

7723

8525

8099

6611

8126

7477

8188

8632

8189

7447

7694

8691

6324

9382

8243

7011

7700

8268

7242

7591

7912

7018

8499

6915

7755

6854

9702

6789

7505

7134

7824

9172

8585

8124

```
7237  
7287  
7443  
6346  
7848  
8563  
7484  
7998  
7890  
7107  
7692  
8517  
6841  
8473  
8037  
8659  
7762  
7832  
8...
```

Jury's answer

```
7230  
8829  
8509  
8885  
8805  
7569  
8069  
9261  
8960  
6693  
8310  
7883  
7034  
8029  
8108  
8220  
5610  
6916  
7056  
7822  
6928  
8897  
8342  
6321  
7079  
7554  
7017  
8963  
9061  
7458  
7746  
7983  
8782  
7723  
8525  
8099  
6611  
8126  
7477  
8188  
8632  
8189  
7447  
7694  
8691  
6324  
9382  
8243  
7011  
7700  
8268  
7242  
7591  
7912  
7018  
8499  
6915  
7755
```

```
6854
9702
6709
7505
7134
7824
9172
8585
8124
7237
7287
7443
6346
7848
8563
7484
7998
7890
7107
7692
8517
6841
8473
8037
8659
7762
7832
8...
```

Checker comment
ok 3000 numbers

21

Time: 202 ms, **memory:** 3640 KB

Verdict: OK

Input

```
10000
30 24
2 14 21 19 26 17 0 8 8 25 25 29 8 0 27 30 20 13 4 28 7 6 15 26 13 3 1 7 7 0
11 5
9 1 5 7 6 3 4 9 8 11 11
16 7
2 13 11 12 15 12 15 6 16 12 6 1 10 7 15 15
18 9
4 13 3 15 2 11 7 12 0 1 2 8 18 5 3 17 15 17
15 11
4 2 7 6 2 13 14 0 8 12 4 8 1 8 13
14 13
2 0 7 9 14 13 3 11 2 9 2 5 14 13
29 20
12 21 8 4 5 22 27 6 29 1 15 3 9 22 10 9 26 1 24 17 9 20 7 21 20 21 7 2 17
21 16
16 10 12 9 7 19 10 15 7 13 6 8 6 20 1 5 8 9 16 10 12
21 9
7 2 2 18 13 9 4 0 15 15 2 2 1 4 4 13 13 17 18 13 14
6 4...
```

Participant's output

```
786
55
135
147
93
73
616
196
285
10
86
35
475
242
472
198
72
555
384
```

```
90
264
32
389
27
55
162
333
70
467
355
65
223
208
650
598
533
48
303
103
226
265
253
364
20
71
37
138
88
27
2
68
44
96
15
500
425
80
92
22
104
452
22
62
43
264
266
20
227
446
310
104
10
15
275
53
48
356
246
204
102
186
264
253
0
48
288
39
420
100
43
255
54
138
271
52
315
699
416
```

```
241  
342  
344  
516  
292  
171  
262  
172  
69  
293  
15  
172  
34  
16...
```

Jury's answer

```
786  
55  
135  
147  
93  
73  
616  
196  
285  
10  
86  
35  
475  
242  
472  
198  
72  
555  
384  
90  
264  
32  
389  
27  
55  
162  
333  
70  
467  
355  
65  
223  
208  
650  
598  
533  
48  
303  
103  
226  
265  
253  
364  
20  
71  
37  
138  
88  
27  
2  
68  
44  
96  
15  
500  
425  
80  
92  
22  
104  
452  
22  
62
```

43
264
266
28
227
446
310
104
10
15
275
53
48
356
246
204
102
186
264
253
0
48
288
39
420
100
43
255
54
138
271
52
315
699
416
241
342
344
516
292
171
262
172
69
293
15
172
34
16

Checker comment

Time: 2:18 ms, memory: 1413 KB

Time: 249 ft

Verde

Input

100000 100
0 0 0 0 0 0 0 0 0 0

Participant

9989902350
9989900000

Jury's answer
9989902550
9989900000

9989913600

Checker comment ok 3 number(s): "9989902550 9989900000 9989913600"

23

Time: 234 ms, **memory:** 4420 KB

537 852 639 472 322 981 719 230 808 477 1000 661 243 859 413 285 269 237 174 242 906 655 708 894 974 55 772 80 460 88 798 203 333 930 794 712 126 451 828 549 641 45 659 963 520 322 660 505 67 429 53

Participant's output
9996891471
9990000000
9993793824

Jury's answer
9996891471
9990000000
9993793824

Checker comment
ok 3 number(s): "9996891471 9990000000 9993793824"

31**Time:** 264 ms, **memory:** 4428 KB**Verdict:** OK**Input**

```
3
99999 1
291 791 583 714 749 77 88 298 826 897 804 348 190 430 617 616 178 518 647 655 830 92 530 791 728 367 119 844 604 112 14 823 191 303 410 379 37 92 703 692 79 138 104 213 303 440 541 573 743 930 307 2
```

Participant's output

```
9999699875
9999699940
9999699891
```

Jury's answer

```
9999699875
9999699940
9999699891
```

Checker comment

ok 3 number(s): "9999699875 9999699940 9999699891"

32**Time:** 264 ms, **memory:** 3744 KB**Verdict:** OK**Input**

```
30
10000 99
83 696 518 680 60 178 628 130 290 664 680 220 882 90 901 906 122 100 298 448 406 871 849 240 546 4 187 11 347 460 752 750 211 316 333 12 886 270 879 552 160 588 114 834 387 887 726 498 932 955 950 8
```

Participant's output

```
99640364
99659112
99000000
99140577
99687706
99104582
99562828
99095707
99561595
99366924
99000000
99062377
99684003
99000000
99000000
99824627
99000000
99677358
99319671
99169567
99307570
99000000
99085183
99833823
99000000
99000000
99108306
99551846
99829237
99410860
```

Jury's answer

```
99640364
99659112
99000000
99140577
99687706
99104582
99562828
99095707
99561595
99366924
99000000
99062377
99684003
99000000
99000000
99824627
99000000
99677358
99319671
99169567
99307570
99000000
99085183
99833823
99000000
99000000
99108306
99551846
99829237
99410860
```

Checker comment
ok 30 numbers**33****Time:** 296 ms, **memory:** 3648 KB**Verdict:** OK**Input**

```
300
1000 100
216 192 219 411 988 552 853 583 443 396 642 226 438 805 793 136 182 647 6 107 126 545 698 178 450 746 416 96 711 23 1 212 471 678 942 214 452 378 961 159 598 481 738 315 618 300 171 619 385 404 632
```

Participant's output

```
899000
979644
963626
899000
899000
899000
899000
952292
899000
965404
915028
943067
899000
899000
917208
944860
916779
934213
910244
904100
969744
935140
899000
899000
899000
899000
979315
947300
935014
899000
952260
901430
940905
942874
```

```
899000
913660
917400
958075
956415
917744
899000
914645
936050
933368
899000
967272
899000
899000
899000
899000
899000
950600
900952
983100
944950
899000
902504
920984
905867
908700
975654
899000
899000
982313
932437...
```

Jury's answer

```
899000
979644
963626
899000
899000
899000
899000
899000
952292
899000
965404
915028
943067
899000
899000
917208
944860
916779
934213
910244
904100
969744
935140
899000
899000
899000
899000
979315
947300
935014
899000
952260
901430
940905
942874
899000
913660
917400
958075
956415
917744
899000
914645
936050
933368
899000
967272
899000
```

```
899000
899000
899000
950600
900952
983100
944950
899000
902504
920984
905867
908700
975654
899000
899000
982313
932437...
```

Checker comment
ok 300 numbers

34

Time: 312 ms, **memory:** 3648 KB

Verdict: OK

Input

```
600
500 100
342 311 252 356 360 307 322 192 177 274 175 334 404 122 161 456 130 286 120 330 396 427 304 252 174 16 354 415 496 117 161 464 454 92 118 198 338 251 74 302 369 51 108 277 80 293 322 409 346 139 34
```

Participant's output

```
199500
```

```
199500
```

```
221006
```

```
199500
```

```
207584
```

```
199500
```

```
199500
```

```
232387
```

```
199500
```

```
199532
```

```
205700
```

```
202295
```

```
221064
```

```
199500
```

```
199500
```

```
212256
```

```
199500
```

```
217972
```

```
199500
```

```
199500
```

```
221400
```

```
199500
```

```
201170
```

```
199500
```

```
199500
```

```
211665
```

```
199500
```

```
222978
```

```
206120
```

```
199500
```

```
207728
```

```
223840
```

```
199500
```

```
222258
```

```
199500
```

```
211116
```

```
206027
```

```
210342
```

```
217760
```

```
200400
```

```
223593
```

```
199500
```

```
200511
```

```
199500
```

```
199500
```

```
225246
```

```
219410
```

```
217760
220774
199500
227217
199500
207065
199000
202796
199500
217394
204520
219684
216607
210800
224062
199960
219742...
```

Jury's answer

```
199500
199500
221006
199500
207584
199500
199500
232387
199500
199532
205700
202295
221064
199500
199500
212256
199500
217972
199500
199500
221400
199500
201170
199500
199500
211665
199500
222978
206120
199500
207728
223840
199500
222258
199500
211116
206027
210342
217760
200400
223593
199500
200511
199500
199500
225246
219410
217760
220774
199500
227217
199500
207065
199000
202796
199500
217394
204520
219684
216607
```

```
210800
224062
199960
219742...
```

Checker comment
ok 600 numbers

35

Time: 358 ms, **memory:** 4428 KB

Verdict: OK

Input

```
3
100000 56
6057 77370 21547 87988 74434 67270 68599 21122 77039 95252 65212 86466 40516 74959 26427 85857 71129 54046 32946 19231 61132 32489 57483 55123 7773 43112 89394 71315 80523 59026 68828 33035 75874 31
```

Participant's output

```
9998554932
9997783159
9998567998
```

Jury's answer

```
9998554932
9997783159
9998567998
```

Checker comment

ok 3 number(s): "9998554932 9997783159 9998567998"

36

Time: 312 ms, **memory:** 3728 KB

Verdict: OK

Input

```
30
10000 73
7697 6965 2210 8432 1222 6209 5278 7859 6473 1009 7940 4556 1544 5436 3183 1981 4011 720 3072 7953 1643 3831 6756 8895 5510 6937 1685 8627 6566 9794 6857 8802 6281 4582 9170 7223 4019 4711 3007 609
```

Participant's output

```
99689475
99723317
99776386
99809474
99825639
99741765
99811108
99884658
99965631
99819944
99835269
99673285
99613392
99907925
99737360
99812114
99913760
99790756
99980130
99926123
99795537
99830928
99826300
99898513
99872449
99949190
99900288
99833895
99849899
99938595
```

Jury's answer

```
99689475
99723317
99776386
99809474
99825639
99741765
99811108
```

```
99884658
99965631
99819944
99835269
99673285
99613392
99907925
99737360
99812114
99913760
99790756
99989130
99926123
99795537
99830928
99826300
99898513
99872449
99949190
99900288
99833895
99849899
99938595
```

Checker comment
ok 30 numbers

37

Time: 296 ms, **memory:** 3636 KB

Verdict: OK

Input

```
300
1000 51
405 2 417 98 917 11 154 963 482 994 702 701 998 690 437 506 253 237 436 788 12 335 753 505 636 699 186 159 309 618 837 506 506 842 655 435 691 527 765 525 381 730 876 290 880 583 971 989 115 581 53
```

Participant's output

```
978221
```

```
986742
```

```
961542
```

```
980861
```

```
986286
```

```
987010
```

```
992006
```

```
980196
```

```
992124
```

```
985472
```

```
978837
```

```
985450
```

```
971946
```

```
971256
```

```
987518
```

```
973158
```

```
974731
```

```
988979
```

```
985061
```

```
976625
```

```
997890
```

```
992747
```

```
978915
```

```
994972
```

```
975153
```

```
981296
```

```
995979
```

```
991781
```

```
968448
```

```
976534
```

```
979510
```

```
990391
```

```
979464
```

```
980635
```

```
990360
```

```
988121
```

```
973118
```

```
989790
```

```
991135
```

```
983759
```

```
987126
```

```
979090
985242
982177
956395
967959
972552
983800
984733
983580
989670
974607
986787
983251
961536
971052
992036
996978
985334
993652
972755
977966
957717
991321...
```

Jury's answer

```
978221
986742
961542
980861
986286
987010
992006
988196
992124
985472
978837
985450
971946
971256
987518
973158
974731
988979
985061
976625
997890
992747
978915
994972
975153
981296
995979
991781
968448
976534
979510
990391
979464
980635
990360
988121
973118
989790
991135
983759
987126
979090
985242
982177
956395
967959
972552
983800
984733
983580
989670
974607
986787
983251
```

```
961536
971052
992036
996978
985334
993652
972755
977966
957717
991321...
```

Checker comment
ok 300 numbers

38

Time: 312 ms, **memory:** 3648 KB

Verdict: OK

Input

```
600
500 51
381 488 234 42 115 11 239 465 239 483 224 481 322 288 19 438 273 463 120 124 467 398 443 209 407 82 148 423 414 453 244 134 50 36 341 166 63 75 329 158 495 312 387 104 398 50 215 346 463 405 169 164
```

Participant's output

```
246287
```

```
248480
```

```
240046
```

```
242625
```

```
242785
```

```
245491
```

```
237632
```

```
244790
```

```
243282
```

```
242246
```

```
238884
```

```
237926
```

```
245306
```

```
245737
```

```
246350
```

```
242175
```

```
234597
```

```
238859
```

```
244436
```

```
240065
```

```
235202
```

```
244823
```

```
248624
```

```
241980
```

```
229792
```

```
231072
```

```
247024
```

```
237036
```

```
237131
```

```
240757
```

```
241000
```

```
242045
```

```
244520
```

```
238108
```

```
238345
```

```
248786
```

```
244102
```

```
238686
```

```
233644
```

```
245502
```

```
246346
```

```
240732
```

```
247043
```

```
243561
```

```
247982
```

```
237495
```

```
240106
```

```
248862
```

```
239766
```

```
243132
```

```
237224
```

```
243628
```

```
245001
```

```
238794
```

```
235730
245396
231828
248136
239582
242298
246040
245579
246884
246225...
```

Jury's answer

```
246287
248480
240046
242625
242785
245491
237632
244790
243282
242246
238884
237926
245306
245737
246350
242175
234597
238859
244436
240065
235292
244823
248624
241980
229792
231072
247024
237036
237131
240757
241000
242045
244520
238108
238345
248786
244102
238686
233644
245502
246346
240732
247043
243561
247982
237495
240106
248862
239766
243132
237224
243628
245001
238794
235730
245396
231828
248136
239582
242298
246040
245579
246884
246225...
```

Checker comment

ok 600 numbers

39**Time:** 93 ms, **memory:** 3632 KB**Verdict:** OK**Input**

```
10000
8 4
2 0 3 2 2 6 2 3
8 2
5 5 5 3 1 1 3 2
8 4
3 8 5 3 2 6 6 6
8 5
3 3 8 2 8 3 3 7
8 1
4 1 7 6 3 2 2 0
8 1
7 3 5 1 4 0 1 8
8 5
3 7 5 0 5 2 1 1
8 2
1 2 2 3 3 6 3 2
8 6
8 6 3 1 2 5 6 8
8 2
0 6 0 2 2 5 2 0
8 4
2 8 4 1 7 2 0 6
8 5
7 7 5 1 1 8 5 2
8 1
4 5 1 1 0 1 3 7
8 8
4 7 4 0 0 4 3 6
8 2
2 6 3 0 1 4 2 3
8 5
2 7 6 4 4 0 5 0
8 5
6 3 7 7 4 3 7 2
8 2
0 7 8 1 6 8 7 5
8 2
0 5 1 2 5 2 6 6
8 2
6 7 2 2 0 7 7 0
8 6
8 5 8 4 3 7 8 7
8 3
0 8 5 8 5 0 2 2
8 4
3 2 5 2 0 8 6 2...
```

Participant's output

```
44
50
32
27
54
47
51
50
2
52
34
25
49
20
50
48
33
42
44
42
6
50
32
50
9
```

```
50
14
20
16
38
14
28
35
37
50
24
21
42
34
-14
44
35
38
47
27
52
38
30
40
28
35
35
32
18
28
43
7
32
38
44
34
8
14
35
38
14
28
38
23
42
35
21
23
50
14
22
22
48
20
21
35
41
46
23
14
41
39
42
38
49
49
25
41
38
49
54
49
14
31
44
44
52
14
35
```

```
26
7
45
18
49
14
21
2
49
28
35
42
49
52
18
46
28
13
7
10
53
35
42
50
45
36...
```

Jury's answer

```
44
50
32
27
54
47
51
50
2
52
34
25
49
20
50
48
33
42
44
42
6
50
32
50
9
50
14
20
16
38
14
28
35
37
50
24
21
42
34
-14
44
35
38
47
27
52
38
30
40
28
35
```

```
35
32
18
28
43
7
32
38
44
34
8
14
35
38
14
28
38
23
42
35
21
23
50
14
22
22
48
20
21
35
41
46
23
14
41
39
42
38
49
49
25
41
38
49
54
49
14
31
44
44
52
14
35
26
7
45
18
49
14
21
2
49
28
35
42
49
52
18
46
28
13
7
10
53
35
42
50
45
36...
```

Checker comment
ok 10000 numbers

40**Time:** 311 ms, **memory:** 3676 KB**Verdict:** OK**Input**

```
73  
4096 43  
3854 2248 1239 1468 3059 3806 3501 3649 2448 2520 172 1861 1676 1792 732 532 2641 3334 3270 3088 1600 1075 1338 1481 3986 1155 3249 736 3545 3297 3033 504 3545 1275 3760 984 1669 2227 3160 1999 2307
```

Participant's output

```
16681500  
16711835  
16739419  
16693369  
16743823  
16756840  
16724166  
16702019  
16691844  
16726228  
16753499  
16706354  
16732604  
16680214  
16692074  
16727649  
16714205  
16703105  
16708184  
16770108  
16741144  
16750154  
16705240  
16765320  
16699114  
16759050  
16712149  
16729155  
16733370  
16614265  
16674780  
16740284  
16699026  
16691454  
16700541  
16746809  
16667820  
16664122  
16650280  
16672853  
16663025  
16667745  
16699794  
16680223  
16741368  
16741602  
16689881  
16591368  
16646834  
16725852  
16712634  
1...
```

Jury's answer

```
16681500  
16711835  
16739419  
16693369  
16743823  
16756840  
16724166  
16702019  
16691844  
16726228  
16753499
```

```
16706354
16732604
16680214
16692074
16727649
16714205
16703105
16708184
16770108
16741144
16750154
16705240
16765320
16699114
16759050
16712149
16729155
16733370
16614265
16674780
16740284
16699026
16691454
16700541
16746809
16667820
16664122
16650280
16672853
16663025
16667745
16699794
16680223
16741368
16741602
16689881
16591368
16646834
16725852
16712634
1...
```

Checker comment
ok 73 numbers

41

Time: 109 ms, **memory:** 3648 KB

Verdict: OK

Input

```
10000
8 8
0 0 0 0 0 0 0 0
8 7
0 0 0 0 0 0 0 0
8 6
0 0 0 0 0 0 0 0
8 5
0 0 0 0 0 0 0 0
8 4
0 0 0 0 0 0 0 0
8 3
0 0 0 0 0 0 0 0
8 2
0 0 0 0 0 0 0 0
8 1
0 0 0 0 0 0 0 0
8 8
0 0 0 0 0 0 0 1
8 7
0 0 0 0 0 0 0 1
8 6
0 0 0 0 0 0 0 1
8 5
0 0 0 0 0 0 0 1
8 4
0 0 0 0 0 0 0 1
```

```

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

```

Participant's output

```
42  
42  
42  
42  
42  
42  
49  
42  
42  
42  
42  
42  
42  
42  
42  
48  
48  
49  
50  
51  
52  
53  
54  
55  
34  
35  
38  
41  
44  
47  
50  
53  
34  
35  
38  
41  
44  
47  
47  
50  
53  
34  
35  
36  
37  
38  
41  
46  
51  
34  
35  
36  
37  
38  
41  
46  
51  
34  
35  
36  
37  
38  
39  
42  
49  
34  
35  
36  
37  
38  
39  
42  
49...  
Jury's answer
```

```
56  
56  
56  
56  
56  
56
```


47
50
53
34
35
38
41
44
47
50
53
34
35
36
37
38
41
46
51
34
35
36
37
38
41
46
51
34
35
36
37
38
39
42
49
34
35
36
37
38
39
42
49...

Checker comment
ok 10000 numbers

Time: 140 ms **memory:** 4668 KB

Verdict: OK

Input

Participant's output

Particip
-4
-8
-16
-32
-64
-128
3328
39424
209920

```
944128
3985408
16359424
66273280
266764288
1070399488
4288282624
```

Jury's answer

```
-4
-8
-16
-32
-64
-128
328
39424
209920
944128
3985408
16359424
66273280
266764288
1070399488
4288282624
```

Checker comment

```
ok 16 numbers
```

43**Time:** 77 ms, **memory:** 3648 KB**Verdict:** OK**Input**

```
10000
2 2
2 0
2 2
2 1
2 2
1 1
2 2
1 0
2 2
0 2
2 2
1 1
2 2
2 1
2 2
1 1
2 2
0 2
2 2
2 2
2 2
2 0
2 2
2 0
2 2
0 1
2 2
0 2
2 2
2 2
2 2
1 0
2 2
2 0
2 2
2 2
2 2
1 0
2 2
2 0
2 2
```

```
2 2
2 2
2 2
2 2
0 2
2 2
0 2
2 2
2 1
2 2
1 2
2 2
0 0
2 2
2 0
2 2
0 2
2 2
2 1
2 2
0 0
2 2
1 2
2 2
1 2
2 2
1 1
2 2
0 0
2 2
2 1
2 2
2 2
0 0
2 2
1 1
2 2
0 1
2 2
1 1
2 2
1 0
2 2
0 0
2 2
2 0
2 2
0 2
2 2
2 1
2 2
1 1
2 2
2 1
2 2
0 0
2 2... .
```

Participant's output

```
-2
-4
0
0
-2
0
-4
0
-2
-2
-2
-2
-2
0
-2
-2
0
-2
-2
0
-2
-2
```

```
0  
-2  
-2  
-2  
-2  
-2  
-4  
-4  
2  
-2  
-2  
-4  
2  
-4  
-4  
0  
2  
-4  
-2  
2  
0  
0  
0  
0  
2  
-2  
-2  
-4  
0  
-4  
2  
-2  
-4  
-2  
2  
2  
-2  
2  
0  
-2  
-4  
2  
2  
2  
0  
0  
0  
2  
-2  
-4  
-2  
-4  
0  
-4  
-2  
2  
-2  
0  
-2  
2  
-2  
0  
-2  
-2  
0  
-4  
0  
0  
0  
2  
-2  
-2  
2  
2  
0  
2  
2  
0  
2  
-2  
0
```

```
-4  
-4  
-4  
-2  
-4  
-2  
2  
0  
-2  
0  
-4  
-4  
-4  
-2  
0  
0  
0  
2  
-4  
0  
0  
2  
0  
0  
0  
-4  
2  
0  
0  
-4  
0  
-4  
-4  
0  
0  
0  
-2  
-2  
-4  
-4  
0  
0  
0  
0  
-2  
-2  
-2  
0  
-4  
0  
...
```

Jury's answer

```
-2  
-4  
0  
0  
-2  
0  
-4  
0  
-2  
-2  
-2  
-2  
-2  
0  
-2  
-2  
-2  
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-2  
-2  
-2  
0  
-2  
-2  
-2  
-2  
-2  
-4  
-4  
2  
-2
```

```
-2  
-4  
2  
-4  
-4  
0  
2  
-4  
-2  
2  
0  
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-2  
-2  
-4  
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-4  
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-2  
-4  
-2  
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2  
-2  
2  
0  
-2  
-4  
2  
2  
0  
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0  
0  
2  
-2  
-4  
-4  
-2  
-4  
0  
-4  
-2  
2  
-2  
0  
-2  
2  
-2  
0  
-4  
0  
0  
0  
2  
-2  
-2  
2  
2  
0  
2  
2  
0  
2  
-2  
0  
-4  
-4  
-4  
-2  
-4  
-2  
-2  
-2  
2  
0  
-2  
0
```

```
-4  
-4  
-4  
-2  
0  
0  
2  
-4  
0  
0  
2  
0  
0  
0  
-4  
2  
0  
0  
-4  
0  
-4  
0  
0  
-2  
-2  
-4  
0  
0  
0  
0  
0  
-2  
-2  
-2  
0  
-4  
0  
...
```

Checker comment
ok 10000 numbers

44

Time: 77 ms, memory: 3640 KB

Verdict: OK

Input

10000

4 4

0 4 1 2

4 4

4 4 4 4

4 4

0 3 0 4

4 4

3 4 4 1

4 4

3 3 1 1

4 4

4 2 4 1

4 4

4 2 2 0

4 4

0 4 4 0

4 4

0 4 0 2

4 4

3 1 3 0

4 4

3 2 3 4

4 4

3 4 1 1

4 4

2 0 3 4

4 4

2 2 1 4

4 4

```
2 2 4 3
4 4
2 0 2 1
4 4
2 0 2 0
4 4
1 0 4 0
4 4
4 0 2 0
4 4
1 2 2 1
4 4
0 0 0 3
4 4
2 2 1 0
4 4
4 3 1 4
4 4
1 1 4 2
4 4
3 3 3 1
4 4
0 4 3 3
4 4
1 3 4 1
4 4
4 1 3 0
4 4
3 3 2 4
4 4
2 3 2 1
4 4
0 4 2 3
4 4
3 0 3 2
4 4
0 2 2 2
4 4
2 2 4 3
4 4
0 2 2 2
4 4
4 3 0 1
...

```

Participant's output

```
0
-4
3
-8
8
-4
4
4
4
4
-6
8
-6
-6
-4
4
8
8
8
0
6
8
-6
-2
0
0
0
4
-6
0
0
0
4
```

```
-4
4
8
8
4
-8
0
0
0
4
4
6
-2
-2
0
0
8
-8
4
8
0
2
8
-6
12
0
0
-8
4
0
8
4
4
2
-2
8
2
4
8
0
0
0
0
0
-4
12
4
4
0
8
4
4
-2
4
4
4
4
0
4
-4
0
2
0
4
-4
0
8
-10
4
8
4
0
8
0
2
8
-2
-6
8
8
4
```

```
-6  
4  
8  
8  
0  
8  
4  
8  
3  
4  
-1  
-4  
0  
0  
-4  
0  
0  
-4  
0  
8  
2  
6  
6  
0  
0  
0  
0  
0  
-4  
4  
4  
-4  
4  
0  
4  
-6  
4  
4  
4  
0  
8  
-4  
-4  
0  
0  
0  
0  
4...
```

Jury's answer

```
0  
-4  
3  
-8  
8  
-4  
4  
4  
4  
-6  
8  
-6  
-6  
-4  
4  
8  
8  
8  
0  
6  
8  
-6  
-2  
0  
0  
0  
4  
-6  
0  
0
```

```
0  
4  
-4  
4  
8  
8  
4  
-8  
0  
0  
0  
4  
4  
6  
-2  
-2  
0  
0  
8  
-8  
4  
8  
0  
2  
8  
-6  
12  
0  
0  
-8  
4  
0  
8  
4  
4  
2  
-2  
8  
2  
4  
8  
0  
0  
0  
0  
0  
-4  
12  
4  
4  
0  
8  
4  
4  
-2  
4  
4  
4  
0  
4  
-4  
0  
2  
0  
4  
-4  
0  
8  
-10  
4  
8  
4  
0  
8  
0  
2  
8  
-2  
-6  
8
```

```
8  
4  
-6  
4  
8  
8  
0  
8  
4  
8  
3  
4  
-1  
-4  
0  
0  
-4  
0  
0  
-4  
0  
8  
2  
6  
6  
0  
0  
0  
0  
-4  
4  
4  
-4  
4  
0  
4  
-6  
4  
4  
4  
0  
8  
-4  
-4  
0  
0  
0  
0  
4...
```

Checker comment
ok 10000 numbers

45

Time: 93 ms, **memory:** 3636 KB

Verdict: OK

Input

```
10000  
8 8  
0 2 0 3 2 2 6 2  
8 8  
3 0 5 5 5 3 1 1  
8 8  
3 2 2 3 8 5 3 2  
8 8  
6 6 6 6 3 3 8 2  
8 8  
8 3 3 7 2 4 1 7  
8 8  
6 3 2 2 0 3 7 3  
8 8  
5 1 4 0 1 8 4 3  
8 8  
7 5 0 5 2 1 1 2  
8 8  
1 2 2 3 3 6 3 2  
8 8
```

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

Participant's output

```
32
48
32
24
11
24
16
34
32
6
26
6
16
32
12
16
32
48
0
10
18
40
4
2
24
32
40
18
48
0
0
0
-12
26
8
28
24
40
16
16
16
32
40
-14
40
16
24
11
2
```

```
11
40
0
18
-14
0
24
32
56
8
24
16
40
10
12
0
48
27
27
24
8
10
16
18
32
32
32
0
40
8
21
34
16
32
0
0
16
22
7
0
16
-9
32
16
24
8
6
11
24
48
14
0
16
-6
8
0
11
40
22
2
10
16
8
32
16
24
24
0
8
19
0
40
48
48
0
8
2
34
2
32
```

```
27  
4  
0  
34  
-3  
16  
16  
1...  
Jury's answer
```

```
32  
48  
32  
24  
11  
24  
16  
34  
32  
6  
26  
6  
16  
32  
12  
16  
32  
48  
0  
10  
18  
40  
4  
2  
24  
32  
40  
18  
48  
0  
0  
0  
-12  
26  
8  
28  
24  
40  
16  
16  
16  
16  
32  
40  
-14  
40  
16  
24  
11  
2  
11  
40  
0  
18  
-14  
0  
24  
32  
56  
8  
24  
16  
40  
10  
12  
0  
48  
27  
27
```

```
24
8
10
16
18
32
32
32
32
0
40
8
21
34
16
32
0
0
16
22
7
0
16
-9
32
16
24
8
6
11
24
48
14
0
16
-6
8
0
11
40
22
2
10
16
8
32
16
24
24
0
8
19
0
40
48
0
8
2
34
2
32
27
4
0
34
-3
16
16
16
1...
```

Checker comment
ok 10000 numbers

46

Time: 187 ms, **memory:** 3628 KB

Verdict: OK

Input

```
10000
16 16
11 15 11 12 9 13 11 14 11 15 11 11 10 15 14 15
16 16
15 12 9 16 8 14 13 9 15 12 10 15 11 13 15 8
16 16
8 8 13 16 10 15 15 14 9 14 13 15 13 12 11 14
16 16
11 15 16 11 8 12 14 14 16 8 9 11 11 9 15 14
16 16
11 16 11 15 13 9 11 10 13 16 9 16 11 11 8 16
16 16
10 8 9 15 12 14 14 11 13 12 15 8 14 15 9 16
16 16
10 12 8 8 12 9 8 13 11 16 12 8 13 9 10 9
16 16
13 9 10 9 12 12 14 8 10 8 11 15 15 11 14 13
16 16
9 16 15 15 14 9 14 11 13 10 12 11 9 13 11 11
16 16
14 8 8 15 11 13 13 9 16 16...
```

Participant's output

```
0
32
0
10
34
36
80
0
64
19
48
52
-32
32
32
38
2
-16
-28
22
48
32
112
64
16
2
32
-12
64
80
64
-10
-30
32
80
64
16
0
80
32
6
32
48
64
48
64
64
50
64
2
19
-8
0
64
0
32
```

```
16
36
34
6
66
16
0
48
37
16
64
64
80
34
19
16
0
16
34
54
19
34
-30
32
-8
34
0
16
38
35
66
64
34
-16
32
32
80
18
32
80
48
52
96
96
22
35
48
51
48
32
32
66
80
32
66
80
0
19
32
-16
51
52
16
20
64
96
0
48
64
80
50
-20
-16...
Jury's answer
0
32
0
10
```

```
34
36
80
0
64
19
48
52
-32
32
32
38
2
-16
-28
22
48
32
112
64
16
2
32
-12
64
80
64
-10
-30
32
80
64
16
0
80
32
6
32
48
64
64
48
64
64
50
64
2
19
-8
0
64
0
32
16
36
34
6
66
16
0
48
37
16
64
64
80
34
19
16
0
16
34
54
19
34
-30
32
-8
34
0
```

```
16
38
35
66
64
34
-16
32
32
80
18
32
80
48
52
96
96
22
35
48
51
48
32
32
66
66
80
32
66
80
0
0
19
32
-16
51
52
16
20
64
96
0
48
64
80
50
-20
-16...
```

Checker comment
ok 10000 numbers

47

Time: 296 ms, **memory:** 3648 KB

Verdict: OK

Input

```
9375
32 32
32 27 25 25 26 26 26 26 30 32 29 30 24 27 27 32 26 28 24 29 24 26 32 29 24 29 24 27 27 28 25 31
32 32
29 25 24 27 24 27 28 26 24 31 29 26 28 28 24 27 26 30 32 28 24 27 24 24 27 26 26 31 27 31 28 25
32 32
31 32 31 24 31 24 24 28 30 30 27 28 25 31 31 32 28 28 26 26 24 27 32 32 26 28 30 29 27 31 25 29
32 32
24 27 30 24 26 25 30 25 28 24 26 28 30 31 27 32 32 25 30 32 26 31 28 30 32 26 26 31 31 24 29 29
32 32
26 31 25 24 32 26 31 26 29 28 26 30 25 24 31 24 26 30 31 28 25 32 32 31 28 24 32 2...
```

Participant's output

```
37
64
64
64
35
-94
100
128
192
128
```

```
160
96
66
0
66
128
96
96
-27
128
64
128
0
35
0
96
128
-62
130
128
0
128
96
40
40
128
4
40
4
64
192
160
0
-32
64
128
128
160
6
98
128
0
6
192
-61
2
32
0
192
160
128
128
0
66
96
96
130
32
192
64
162
32
128
35
32
0
32
0
160
32
128
64
128
96
96
96
-58
32
64
130
128
```

```
130
64
72
128
6
64
128
96
128
37
224
64
32
96
-22
-20
66
96
32
160
64
37
160
0
192
160
96
160
32
32
1...
```

Jury's answer

```
37
64
64
64
35
-94
100
128
192
128
160
96
66
0
66
128
96
-27
128
64
128
0
35
0
96
128
-62
130
128
0
128
96
40
40
128
4
40
4
64
192
160
0
-32
64
128
128
```

```
160
6
98
128
0
6
192
-61
2
32
0
192
160
128
128
0
66
96
130
32
192
64
162
32
128
35
32
0
32
0
160
32
128
64
128
96
96
96
-58
32
64
130
128
130
64
72
128
6
64
128
96
128
37
224
64
32
96
-22
-20
66
96
32
160
64
37
160
0
192
160
96
160
32
32
1...
```

Checker comment
ok 9375 numbers

48**Time:** 296 ms, **memory:** 3636 KB**Verdict:** OK**Input**

```
4687
64 64
59 57 61 57 64 58 56 57 61 58 58 62 60 61 56 64 59 63 63 56 64 64 57 58 60 56 56 64 56 62 57 63 60 62 57 57 62 59 59 62 61 57 58 62 60 58 63 60 64 61 62 57 63 63 58 57 59 59 56 57 64 62 64
64 64
63 63 62 60 58 56 59 62 59 64 60 59 62 61 64 58 64 56 64 64 60 56 59 57 61 59 57 56 57 64 61 62 62 64 63 56 59 63 62 63 64 60 59 64 63 63 58 58 62 56 57 59 64 63 62 62 63 63 59 61 59 56 56
```

Participant's output

12

448

0

64

128

64

192

10

15

0

320

64

259

70

256

67

130

256

130

134

256

131

0

322

-190

128

259

4

130

258

320

256

2

256

256

192

0

0

320

320

128

256

256

70

128

-64

320

134

0

256

64

128

67

-62

67

384

6

0

128

67

258

196

256

64

```
130
2
256
256
320
320
0
134
128
320
256
130
128
195
320
192
64
256
2
320
258
256
70
448
384
0
256
192
192
256
-64
192
2
256
0
192
256
130
64
256
0
64
192
195
128
128
0
130...
```

Jury's answer

```
12
448
0
64
128
64
192
10
15
0
320
64
259
70
256
67
130
256
130
134
256
131
0
322
-190
128
259
4
130
```

```
258
320
256
2
256
256
256
192
0
0
320
320
128
256
256
70
128
-64
320
134
0
256
64
128
67
-62
67
384
6
0
128
67
258
196
256
64
130
2
256
256
320
320
0
134
128
320
256
130
128
195
320
192
64
256
2
320
258
256
70
448
384
0
256
192
192
256
-64
192
2
256
0
192
256
130
64
256
0
64
192
```

```
195
128
128
0
130...
```

Checker comment
ok 4687 numbers

49

Time: 358 ms, **memory:** 3644 KB

Verdict: OK

Input

```
2343
128 100
122 121 125 123 121 123 123 122 126 124 120 122 121 128 128 122 121 126 121 128 121 125 121 125 125 120 124 125 128 125 127 126 123 120 123 123 120 128 124 123 123 126 126 124 120 128 120 12
```

Participant's output

```
3556
3802
3448
3802
4156
3872
3800
3902
3956
3756
4000
3956
4156
3802
3956
3621
4156
3556
3575
3928
3702
3756
3656
3556
3702
3328
3828
3656
3556
3772
3556
3800
3624
3650
3856
3828
3672
3575
4256
3656
3900
3956
3956
4256
3628
4028
3956
3902
3702
3556
4156
3328
3702
3556
4156
4002
3756
3502
4156
```

```
3556  
3556  
3428  
3900  
3575  
3556  
4056  
3428  
3856  
3856  
3828  
3956  
4256  
3650  
3602  
4156  
3556  
3756  
3450  
3402  
3656  
4156  
3556  
3956  
3702  
4156  
3...  
Jury's answer
```

```
3556  
3802  
3448  
3802  
4156  
3872  
3800  
3902  
3956  
3756  
4000  
3956  
4156  
3802  
3956  
3621  
4156  
3556  
3575  
3928  
3702  
3756  
3656  
3556  
3702  
3328  
3828  
3656  
3556  
3772  
3556  
3800  
3624  
3650  
3856  
3828  
3672  
3575  
4256  
3656  
3900  
3956  
3956  
4256  
3628  
4028  
3956  
3902  
3702  
3556
```

```
4156  
3328  
3702  
3556  
4156  
4002  
3756  
3502  
4156  
3556  
3556  
3428  
3900  
3575  
3556  
4056  
3428  
3856  
3856  
3828  
3956  
4256  
3650  
3602  
4156  
3556  
3756  
3450  
3402  
3656  
4156  
3556  
3956  
3702  
4156  
3...  
3....
```

Checker comment
ok 2343 numbers

50

Time: 358 ms, **memory:** 3652 KB

Verdict: OK

Input

```
1171  
256 100  
250 250 251 251 249 251 253 253 250 252 251 256 250 251 255 251 253 255 250 248 250 250 253 249 254 255 256 251 252 248 253 249 256 253 251 255 248 249 254 251 250 254 248 248 250 248 256 253 25 25
```

Participant's output

```
39780  
39524  
39780  
39924  
40280  
40080  
39370  
39780  
39880  
40024  
39680  
39670  
39724  
39780  
39780  
39680  
39780  
39780  
39270  
40380  
40180  
39780  
39780  
39670  
39524  
39780  
40180
```

```
39980  
40180  
39524  
39980  
39780  
39824  
40080  
39780  
39780  
40180  
39780  
40380  
39780  
39880  
39780  
39668  
39668  
39870  
39270  
39880  
40180  
39780  
39924  
39270  
40180  
40380  
39780  
39780  
39780  
39780  
39780  
40180  
40180  
40380  
39724  
40180  
39270  
39780  
40280  
39880  
39724  
40024  
39470  
39270  
...
```

Jury's answer

```
39780  
39524  
39780  
39980  
40280  
40080  
39370  
39780  
39880  
40024  
39680  
39670  
39724  
39780  
39780  
39680  
39780  
39780  
39270  
40380  
40180  
39780  
39780  
39780  
39670  
39524  
39780  
40180  
39980  
40180  
39524
```

39980
39780
39824
40080
39780
39780
40180
39780
40380
39780
39880
39880
39780
39668
39668
39780
39720
39780
40180
40380
39780
39780
39780
39780
39780
39780
40180
40180
40380
39724
40180
39720
39780
40280
39880
39724
40024
39470
39270
...

Checker comment
ok 1171 numbers

Time: 343 ms **memory:** 3668 KB

Verdict: OK

Input

Input
146
3048 100

2043 100 2040 2040 2046 2043 2048 2040 2048 2048 2044 2043 2047 2040 2045 2044 2047 2042 2040 2047 2045 2043 2042 2044 2043 2048 2046 2047 2048 2045 2046 2046 2042 2048 2043 2045 2041 2043 2045 2047 204

Participant's output

Participa
3988056

3987556

3987956

3987756

3987956

3988056

3983462

3987556

3988156

3987956

3985508

3987556

3987556

3987956

3988056
3988118

3983462
3885188

3986108
3988256

3988256
3983656

3987656
3087EE6

3987356
3987056

398/930

卷之三

```
3988256  
3987956  
3987556  
3987656  
3985708  
3983662  
3988156  
3987556  
3987556  
3987756  
3987556  
3985908  
3985508  
3987956  
3987556  
3987956  
3987656  
3987556  
3987556  
3987556  
3987756  
3983462  
3988056  
3987656  
3987556  
3983762  
3987656  
3987656  
3987556  
3987556  
3987856  
3983562  
3987656  
3987556  
3987556...
```

Jury's answer

```
3988056  
3987556  
3987956  
3987756  
3987956  
3988056  
3983462  
3987556  
3988156  
3987956  
3985508  
3987556  
3987556  
3987956  
3988056  
3983462  
3986108  
3988256  
3987656  
3987556  
3987956  
3988256  
3987956  
3987556  
3987556  
3987656  
3985708  
3983662  
3988156  
3987556  
3987556  
3987756  
3987556  
3985908  
3985508  
3987956  
3987556  
3987956  
3987656  
3987556  
3987556
```

```
3987756
3983462
3988056
3987656
3987556
3983762
3987656
3987656
3987656
3987556
3987556
3987856
3983562
3987656
3987556
3987556...
```

Checker comment
ok 146 numbers

52

Time: 311 ms, **memory:** 3684 KB

Verdict: OK

Input

```
73
4096 100
4093 4096 4089 4095 4091 4094 4089 4091 4096 4089 4092 4093 4088 4090 4096 4089 4090 4093 4096 4090 4090 4092 4091 4091 4090 4090 4094 4091 4094 4090 4088 4090 4092 4093 4090 4090 4089 4095 405
```

Participant's output

```
16363620
16359424
16363820
16363820
16355430
16355430
16363620
16359424
16363620
16363820
16363620
16363620
16363620
16363620
16363620
16363620
16359524
16364020
16363620
16363620
16355430
16359524
16363620
16364120
16363820
16355430
16364120
16363920
16363620
16363620
16359624
16363820
16364020
16364220
16363920
16364020
16363620
16359824
16363620
16363620
16363620
16364120
16364020
16360124
16355430
16364020
16355430
16364220
```

```
16363620  
16363620  
16364220  
1...  
1...
```

Jury's answer

```
16363620  
16359424  
16363820  
16363820  
16355430  
16355430  
16363620  
16359424  
16363620  
16363820  
16363620  
16363620  
16363620  
16359524  
16364020  
16363620  
16363620  
16363820  
16355430  
16359524  
16363620  
16364120  
16363820  
16355430  
16364120  
16363920  
16363620  
16363620  
16359624  
16363820  
16364020  
16364220  
16363920  
16364020  
16363620  
16363620  
16364120  
16364020  
16360124  
16355430  
16364020  
16355430  
16364220  
16363620  
16363620  
16364220  
1...
```

Checker comment
ok 73 numbers**53****Time:** 342 ms, **memory:** 3908 KB**Verdict:** OK**Input**

```
9  
32768 100  
32766 32765 32762 32761 32763 32767 32762 32761 32768 32762 32767 32768 32761 32766 32761 32764 32768 32764 32766 32763 32765 32762 32765 32764 32762 32767 32760 32767 32766 32768 32761 32760 32763
```

Participant's output

```
1070432356  
1070432356  
1070432756  
1070399588  
1070432856  
1070432756  
1070432356
```

1070432356
1070432756

Jury's answer

1070432356
1070432356
1070432756
1070399588
1070432856
1070432756
1070432356
1070432356
1070432756

Checker comment

ok 9 numbers

54

Time: 296 ms, **memory:** 4160 KB

Verdict: OK

Input

4
65536 100
65530 65530 65531 65529 65535 65533 65529 65532 65535 65536 65533 65531 65534 65534 65534 65530 65536 65528 65529 65530 65531 65535 65531 65533 65536 65533 65531 65530 65531 65529 65529 65532

Participant's output

4288217390
4288217588
4288282724
4288348760

Jury's answer

4288217390
4288217588
4288282724
4288348760

Checker comment

ok 4 number(s): "4288217390 4288217588 4288282724 4288348760"

55

Time: 342 ms, **memory:** 4428 KB

Verdict: OK

Input

3
100000 100
21737 74916 44833 36186 96575 37203 28450 3443 13028 66038 8954 51444 30705 27228 37158 66051 16690 70388 29934 44983 3647 75081 73599 76620 28344 5297 37939 49411 85259 92028 18184 84397 10232 7922

Participant's output

9997364128
9997983232
9997287139

Jury's answer

9997364128
9997983232
9997287139

Checker comment

ok 3 number(s): "9997364128 9997983232 9997287139"

56

Time: 312 ms, **memory:** 3728 KB

Verdict: OK

Input

30
9999 100
6093 1135 3721 1807 625 4800 2221 8751 9567 1311 5275 6543 339 4211 4640 3207 1176 4970 3470 4256 6540 4198 2056 4103 1586 2639 4462 9701 730 8161 3445 2269 1064 4781 847 1085 2191 2228 1519 8092 66

Participant's output

99618316
99550903
99770907
99697508
99781765
9969854

```
99725326
99684465
99838505
99698918
99681748
99696544
99818108
99868702
99793622
99632572
99657707
99787824
99660808
99712510
99738530
99669714
99758914
99709550
99671636
99689727
99802621
99718230
99711708
99890115
```

Jury's answer

```
99618316
99550903
99770907
99697508
99781765
99698554
99725326
99684465
99838505
99698918
99681748
99696544
99818108
99868702
99793622
99632572
99657707
99787824
99660808
99712510
99738530
99669714
99758914
99709550
99671636
99689727
99802621
99718230
99711708
99890115
```

Checker comment

ok 30 numbers

57**Time:** 343 ms, **memory:** 3808 KB**Verdict:** OK**Input**

```
15
19999 100
14766 9677 310 17134 10633 179 17110 10021 3749 9769 19207 4730 15056 10676 3278 4298 12265 18806 14279 10996 17442 7280 5472 13723 4180 664 9371 117 7094 16843 2353 19199 15628 8935 17151 17971 212
```

Participant's output

```
399495550
399422280
399456407
399288609
399625320
399707110
399256536
399337040
399670611
```

```
399432902
399777312
399318503
399396975
399360430
399423424
```

Jury's answer

```
399495550
399422280
399456407
399288609
399625320
399707110
399256536
399337040
399670611
399432902
399777312
399318503
399396975
399360430
399423424
```

Checker comment

```
ok 15 numbers
```

58

Time: 342 ms, **memory:** 3816 KB

Verdict: OK

Input

```
15
20000 100
14672 14484 11031 18367 3707 5428 11978 17340 14865 15956 11850 18445 18722 9883 2561 19081 3779 17902 2349 9618 2432 8263 10126 8958 454 8920 17606 2095 19011 15010 5120 19131 11043 11586 5754
```

Participant's output

```
399087304
399150300
399457311
399684213
399777700
399465012
399703524
399554710
399557311
399384600
399411718
399472100
399777300
399554504
399233308
```

Jury's answer

```
399087304
399150300
399457311
399684213
399777700
399465012
399703524
399554710
399557311
399384600
399411718
399472100
399777300
399554504
399233308
```

Checker comment

```
ok 15 numbers
```

59

Time: 327 ms, **memory:** 3816 KB

Verdict: OK

Input

14
20001 100
7457 15670 12872 9215 16408 19899 303 6246 19750 3830 8855 9328 3676 16471 2021 16867 18644 12354 4394 18315 8282 16948 12618 8608 19225 14136 9720 7066 14474 5743 12655 12533 1603 16066 4155 14906

Participant's output
399286765
399438532
399733100
399392900
399778494
399733930
399110533
399397754
399570800
399134896
399337300
399637112
399599504
399441789

Jury's answer
399286765
399438532
399733100
399392900
399778494
399733930
399110533
399397754
399570800
399134896
399337300
399637112
399599504
399441789

Checker comment
ok 14 numbers

60

Time: 358 ms, **memory:** 3892 KB
Verdict: OK

Input
10
29999 100
13428 29631 13316 19400 21458 2582 14227 2602 28938 15369 2510 18519 3182 26025 4116 1024 5244 15709 298 18246 29965 1995 3968 15321 16916 9711 19255 15398 3627 3538 27064 24983 20759 211 23418 4129

Participant's output
899442120
899273893
899628510
898943156
898826826
899351312
899577318
898964856
899089321
898146940

Jury's answer
899442120
899273893
899628510
898943156
898826826
899351312
899577318
898964856
899089321
898146940

Checker comment
ok 10 numbers

61

Time: 327 ms, **memory:** 3880 KB
Verdict: OK

Input
10
30000 100
26895 6570 17233 3890 15887 13802 8817 11067 5540 24028 24763 15462 20612 8525 101 23758 10979 24922 19705 25042 2013 15198 19084 5760 24242 2074 16489 694 29218 2396 17192 25699 12081 13252 4166 53

Participant's output
899560500
899006152
898864900
899327018
898773724
899295709
899433000
898981410
899346756
899812900

Jury's answer
899560500
899006152
898864900
899327018
898773724
899295709
899433000
898981410
899346756
899812900

Checker comment
ok 10 numbers

62

Time: 311 ms, **memory:** 3884 KB

Verdict: OK

Input

9
30001 100
26109 10297 21693 12413 11676 27443 21073 26871 22548 21219 20560 26069 2212 17671 520 8114 7402 5664 21906 28403 14170 23552 23030 477 660 15910 9209 27145 19013 6408 3281 9664 24336 26105 212

Participant's output

899510889
899232100
899099772
899519700
899150310
898801300
899486100
899603302
899386956

Jury's answer

899510889
899232100
899099772
899519700
899150310
898801300
899486100
899603302
899386956

Checker comment

ok 9 numbers

63

Time: 327 ms, **memory:** 3692 KB

Verdict: OK

Input

60
4999 100
57 3185 3119 3427 1757 2906 209 1188 2236 1881 2499 4155 2865 2679 398 1190 3027 1516 3883 736 5 4154 1388 2843 915 633 1051 4189 2034 3312 4167 1091 4456 3293 1099 792 3266 2315 4936 3507 3006 2394

Participant's output

24827713
24866711
24830024
24797972

```
24748770  
24843226  
24811218  
24800964  
24925512  
24920633  
24926710  
24871780  
24914706  
24867708  
24950102  
24897620  
24807303  
24884828  
24885642  
24806938  
24910912  
24812990  
24875328  
24779339  
24865577  
24882044  
24871977  
24875775  
24886850  
24796442  
24763972  
24846380  
24832368  
24892490  
24904303  
24868505  
24822750  
24904308  
24846842  
24891506  
24914830  
24814380  
24931705  
24888103  
24906745  
24877385  
24918122  
24833928  
24790540  
24833345  
24954506  
2...
```

Jury's answer

```
24827713  
24866711  
24830024  
24797972  
24748770  
24843226  
24811218  
24800964  
24925512  
24920633  
24926710  
24871780  
24914706  
24867708  
24950102  
24897620  
24807303  
24884828  
24885642  
24806938  
24910912  
24812990  
24875328  
24779339  
24865577  
24882044  
24871977  
24875775  
24886850
```

```
24796442
24763972
24846380
24832368
24892490
24904303
24868505
24822750
24904308
24846842
24891506
24914830
24814380
24931705
24888103
24906745
24877385
24918122
24833928
24790540
24833345
24954506
2...
```

Checker comment
ok 60 numbers

64

Time: 312 ms, **memory:** 3692 KB

Verdict: OK

Input

```
60
5000 100
4554 4653 1419 52 1075 1225 2732 2284 347 2103 2292 3446 4207 709 306 1762 1141 3026 2150 3181 1545 3397 866 2379 829 4210 3116 3057 2250 1889 3960 4002 3990 4166 4975 1764 3234 2643 4069 4643 3644
```

Participant's output

```
24824312
```

```
24899600
```

```
24871142
```

```
24921808
```

```
24860716
```

```
24826366
```

```
24809100
```

```
24864922
```

```
24855770
```

```
24921402
```

```
24924600
```

```
24857500
```

```
24893406
```

```
24955100
```

```
24853848
```

```
24915506
```

```
24882900
```

```
24811352
```

```
24869720
```

```
24880003
```

```
24910710
```

```
24839715
```

```
24885396
```

```
24900616
```

```
24810390
```

```
24867757
```

```
24874356
```

```
24929700
```

```
24819817
```

```
24822633
```

```
24954503
```

```
24878370
```

```
24874508
```

```
24847821
```

```
24899416
```

```
24886102
```

```
24865711
```

```
24854378
```

```
24892122
```

```
24909107
```

```
24908800
```

```
24952300
24839584
24741652
24899502
24903700
24801820
24862555
24872460
24817500
24864430
2...
```

Jury's answer

```
24824312
24899600
24871142
24921808
24860716
24826366
24809100
24864922
24855770
24921402
24924600
24857500
24893406
24955100
24853848
24915506
24882900
24811352
24869720
24880003
24910710
24839715
24885396
24900616
24810390
24867757
24874356
24929700
24819817
24822633
24954503
24878370
24874508
24847821
24899416
24886102
24865711
24854378
24892122
24909107
24908800
24952300
24839584
24741652
24899502
24903700
24801820
24862555
24872460
24817500
24864430
2...
```

Checker comment
ok 60 numbers**65****Time:** 296 ms, **memory:** 3680 KB**Verdict:** OK**Input**

```
59
5001 1404 2477 2266 4041 329 4375 4923 129 2202 4192 2663 880 4741 95 3389 1169 1650 905 2342 50 614 139 3387 4213 4266 2517 4768 1601 976 660 2949 3626 3344 1096 636 4425 699 642 3152 3337 1018 213
```

Participant's output

```
24890497  
24948700  
24869808  
24952700  
24891335  
24842436  
24888100  
24924704  
24809940  
24845412  
24857500  
24928330  
24867348  
24945293  
24940302  
24928895  
24904496  
24842724  
24922505  
24818700  
24856090  
24804448  
24898115  
24957592  
24900698  
24920493  
24931204  
24959098  
24854736  
24842466  
24913900  
24919510  
24927106  
24844248  
24909116  
24960599  
24952103  
24860099  
24830619  
24896197  
24922505  
24871528  
24848040  
24870808  
24899024  
24914712  
24841092  
24847821  
24842985  
24899499  
24926706  
2...
```

Jury's answer

```
24890497  
24948700  
24869808  
24952700  
24891335  
24842436  
24888100  
24924704  
24809940  
24845412  
24857500  
24928330  
24867348  
24945293  
24940302  
24928895  
24904496  
24842724  
24922505  
24818700  
24856090  
24804448  
24898115  
24957592  
24900698
```

```
24920493
24931204
24959098
24854736
24842466
24913900
24919510
24927106
24844248
24909116
24960599
24952103
24860099
24830619
24896197
24922505
24871528
24848040
24870808
24899024
24914712
24841092
24847821
24842985
24899499
24926706
2...
2...
```

Checker comment
ok 59 numbers

66

Time: 312 ms, **memory:** 3664 KB

Verdict: OK

Input

```
100
2999 100
2063 2931 1311 2302 2613 912 1857 1700 890 686 540 2545 1162 457 1484 1830 1669 1502 2145 204 2399 151 545 893 1240 1006 93 1623 2682 395 1640 1034 397 2857 1019 1076 2401 2398 1412 1298 133 1081 15
```

Participant's output

```
8890208
```

```
8931105
```

```
8948621
```

```
8913404
```

```
8845318
```

```
8874904
```

```
8896554
```

```
8937966
```

```
8902212
```

```
8930055
```

```
8934506
```

```
8928706
```

```
8888903
```

```
8932106
```

```
8944314
```

```
8917556
```

```
8878190
```

```
8918520
```

```
8908605
```

```
8939130
```

```
8941622
```

```
8910740
```

```
8884924
```

```
8961904
```

```
8907533
```

```
8920580
```

```
8871402
```

```
8926018
```

```
8960012
```

```
8919733
```

```
8909942
```

```
8895017
```

```
8925124
```

```
8885588
```

```
8961308
```

```
8939606
```

```
8917790
```

```
8908517
8906932
8973308
8923230
8928710
8880320
8928320
8910230
8903796
8905345
8925448
8879321
8936136
8915757
8921902
8907250
8862040
8876527
8954910
8903696...
```

Jury's answer

```
8890208
8931105
8948621
8913404
8845318
8874904
8896554
8937966
8902212
8930055
8934506
8928706
8888903
8932106
8944314
8917556
8878190
8918520
8908605
8939130
8941622
8910740
8884924
8961904
8907533
8920580
8871402
8926018
8960012
8919733
8909942
8895017
8925124
8885588
8961308
8939606
8917790
8908517
8906932
8973308
8923230
8928710
8880320
8928320
8910230
8903796
8905345
8925448
8879321
8936136
8915757
8921902
8907250
8862040
8876527
8954910
8903696...
```

Checker comment
ok 100 numbers

67

Time: 311 ms, **memory:** 3668 KB

Verdict: OK

Input

```
100  
3000 100  
555 2377 643 422 1285 661 673 2704 545 1477 842 2422 116 1509 2485 326 2543 426 1914 493 2499 141 2424 2740 730 1303 1728 1937 2394 2350 1173 2566 482 2436 602 709 2139 1820 2014 1062 250 51 41
```

Participant's output

```
8913500
```

```
8963108
```

```
8965703
```

```
8914384
```

```
8952115
```

```
8953303
```

```
8944010
```

```
8927764
```

```
8938507
```

```
8938704
```

```
8979700
```

```
8964710
```

```
8875210
```

```
8889420
```

```
8926450
```

```
8969000
```

```
8968515
```

```
8936108
```

```
8946308
```

```
8893000
```

```
8884432
```

```
8922100
```

```
8949142
```

```
8954914
```

```
8940506
```

```
8960415
```

```
8886503
```

```
8926700
```

```
8944521
```

```
8890028
```

```
8904452
```

```
8892002
```

```
8951128
```

```
8899968
```

```
8887608
```

```
8866199
```

```
8959000
```

```
8905212
```

```
8875088
```

```
8974308
```

```
8921420
```

```
8944924
```

```
8945510
```

```
8902300
```

```
8935530
```

```
8921918
```

```
8913222
```

```
8962503
```

```
8883210
```

```
8970600
```

```
8951708
```

```
8890500
```

```
8921316
```

```
8898042
```

```
8886356
```

```
8924300
```

```
8959500...
```

Jury's answer

```
8913500
```

```
8963108
```

```
8965703
```

```
8914384
```

```
8952115
```

```
8953303
```

```
8944010
8927764
8938507
8938704
8979700
8964710
8875210
8889420
8926450
8969000
8968515
8936108
8946308
8893000
8884432
8922100
8949142
8954914
8940506
8960415
8886503
8926700
8944521
8890028
8904452
8892002
8951128
8899968
8887608
8866199
8959000
8905212
8875088
8974308
8921420
8944924
8945510
8902300
8935530
8921918
8913222
8962503
8883210
8970600
8951708
8890500
8921316
8898042
8886356
8924300
8959500...
```

Checker comment
ok 100 numbers

68

Time: 296 ms, **memory:** 3664 KB

Verdict: OK

Input

```
99
3001 100
188 21456 1656 2854 2907 2544 2688 2691 1503 470 2795 2155 145 2477 314 2203 378 70 763 2050 2238 2264 1823 182 2993 1852 1942 336 1881 1234 2588 1146 1203 73 2700 2813 1700 441 162 93 942 2789 1735
```

Participant's output

```
8921832
8928294
8968897
8947896
8924798
8907128
8880660
8936108
8939902
8952935
8943000
8953900
8929020
```

```
8966300  
8904844  
8946098  
8936320  
8956896  
8965500  
8922924  
8934808  
8900588  
8931407  
8939996  
8950899  
8941000  
8953510  
8911299  
8944712  
8940132  
8959708  
8959506  
8947690  
8952696  
8946495  
8983100  
8930112  
8941380  
8931888  
8909300  
8976199  
8934300  
8947890  
8946948  
8933763  
8974900  
8953327  
8959498  
8927400  
8906298  
8949120  
8961899  
8928710  
8892697  
8918105  
8891911  
8922500...
```

Jury's answer

```
8921832  
8928294  
8968897  
8947896  
8924798  
8907128  
8880660  
8936108  
8939902  
8952935  
8943000  
8953900  
8929020  
8966300  
8904844  
8946098  
8936320  
8956896  
8965500  
8922924  
8934808  
8900588  
8931407  
8939996  
8950899  
8941000  
8953510  
8911299  
8944712  
8940132  
8959708  
8959506  
8947690
```

```
8952696
8946495
8983100
8930112
8941380
8931888
8909300
8976199
8934300
8947890
8946948
8933763
8974900
8953327
8959498
8927400
8906298
8949120
8961899
8928710
8892697
8918105
8891011
8922500...
```

Checker comment
ok 99 numbers

69

Time: 280 ms, **memory:** 3648 KB

Verdict: OK

Input

```
300
999 100
23 506 50 350 298 959 132 923 964 675 486 630 233 908 936 771 477 512 685 215 628 686 494 752 672 411 932 463 526 229 622 587 244 721 199 602 664 448 850 588 134 543 274 137 2 897 265 255 877 846 62
```

Participant's output

```
964706
```

```
985127
```

```
973715
```

```
972577
```

```
972756
```

```
965914
```

```
984402
```

```
988306
```

```
969256
```

```
939567
```

```
987104
```

```
958505
```

```
964542
```

```
949130
```

```
979114
```

```
974417
```

```
966604
```

```
976145
```

```
957117
```

```
964110
```

```
969312
```

```
978234
```

```
980540
```

```
983514
```

```
983906
```

```
964318
```

```
977930
```

```
969598
```

```
985424
```

```
977902
```

```
973540
```

```
965302
```

```
982532
```

```
971112
```

```
977120
```

```
988721
```

```
973954
```

```
969890
```

```
977110
```

```
974140
```

983909
965644
966418
965242
979918
963280
973616
963517
971410
979206
973912
965140
979203
983048
975315
967545
974512
975396
970830
981515
979304
980740
967707
982642...

Jury's answer

964706
985127
973715
972577
972756
965914
984402
988306
969256
939567
987104
958505
964542
949130
979114
974417
966604
976145
957117
964110
969312
978234
980540
983514
983906
964318
977930
969598
985424
977902
973540
965302
982532
971112
977120
980721
973954
969890
977110
974140
983909
965644
966418
965242
979918
963280
973616
963517
971410
979206
973912
965140
979203

```
983048
975315
967545
974512
975396
970830
981515
979304
988740
967707
982642...
```

Checker comment
ok 300 numbers

70**Time:** 280 ms, **memory:** 3648 KB**Verdict:** OK**Input**

```
600
500 100
283 369 108 203 380 26 217 235 373 148 353 110 305 403 215 177 184 292 116 46 150 265 192 386 168 57 73 96 381 326 198 410 24 226 270 356 307 471 128 70 404 456 333 343 121 379 147 317 277 302 4 458
```

Participant's output

```
236756
239520
239140
244900
240930
236363
243612
232814
229100
223500
240400
234656
234300
240800
235188
236816
240912
236404
240400
234827
239290
234278
242112
243600
240213
240814
228538
238500
240132
237010
234130
242400
242708
234024
240400
238424
239116
238830
242200
241624
235572
224072
237320
234806
235500
234854
235832
234812
231840
241018
225752
235855
238226
```

```
235214  
235800  
238720  
238000  
232266  
238032  
247200  
237727  
242206  
230312  
227496...
```

Jury's answer

```
236756  
239520  
239140  
244900  
240930  
236363  
243612  
232814  
229100  
223500  
240400  
234656  
234300  
240800  
235188  
236816  
240912  
236404  
240400  
234827  
239290  
234278  
242112  
243600  
240213  
240814  
228538  
238500  
240132  
237010  
234130  
242400  
242708  
234024  
240400  
238424  
239116  
238830  
242200  
241624  
235572  
224072  
237320  
234806  
235500  
234854  
235832  
234812  
231840  
241018  
225752  
235855  
238226  
235214  
235800  
238720  
238000  
232266  
238032  
247200  
237727  
242206  
230312  
227496...
```

Checker comment

ok 600 numbers

71**Time:** 295 ms, **memory:** 3652 KB**Verdict:** OK**Input**

```
598
501 100
253 126 96 159 329 377 10 438 207 420 174 240 19 47 73 488 476 341 259 103 243 296 426 318 320 14 17 378 317 255 369 475 208 55 178 391 225 95 12 125 414 352 442 348 275 323 247 307 154 501 63 292 4
```

Participant's output

239808

242308

234626

244700

233298

241093

237835

239345

244103

241424

241010

239006

235372

236805

246899

242804

228720

236478

244708

242700

233908

231684

246000

229766

243200

248297

244800

237014

234384

233624

240812

238000

240020

240708

239800

238806

241010

246900

232152

238380

235270

242800

246900

239400

242491

233900

237600

236024

231218

238822

237096

232995

235660

235521

238402

238400

239495

235800

238263

242832

235791

235199

243802

230010...

Jury's answer

239808

242308

234626

```
244700  
233298  
241093  
237835  
239345  
244103  
241424  
241010  
239006  
235372  
236805  
246899  
242804  
228720  
236478  
244708  
242700  
233908  
231684  
246000  
229766  
243200  
248297  
244800  
237014  
234384  
233624  
240812  
238000  
240020  
240708  
239800  
238806  
241010  
246900  
232152  
238380  
235270  
242800  
246900  
239400  
242491  
233900  
237600  
236024  
231218  
238822  
237096  
232995  
235660  
235521  
238402  
238400  
239495  
235800  
238263  
242832  
235791  
235199  
243802  
230010....
```

Checker comment
ok 598 numbers

72

Time: 327 ms, **memory:** 3656 KB

Verdict: OK

Input

```
949  
316 100  
252 163 210 188 277 64 191 107 61 281 243 160 19 285 26 250 309 96 41 261 140 193 253 43 265 145 100 186 37 143 129 99 127 44 213 94 214 170 59 16 196 93 9 232 298 241 147 102 240 273 249 108 73 152
```

Participant's output

```
89365  
96692  
90190
```

94624
94990
90503
90540
91798
93054
91008
93296
87417
95943
93236
91982
93468
88686
90190
87897
92345
92843
89468
91836
95008
96980
95176
94412
95324
93377
93956
91043
89784
92010
90695
87812
91599
96876
92690
84535
89217
91350
92795
92380
95843
88184
90830
92110
86030
92417
92510
96465
93582
91070
90717
91270
94591
95199
90542
89368
93580
87008
93980
85996
95220
95178
93268
93478
96944
92930
93690
95835
95810
89221
...
Jury's answer

89365
96692
90190
94624
94990
90503

```
90540  
91798  
93054  
91008  
93296  
87417  
95943  
93236  
91982  
93468  
88686  
90190  
87897  
92345  
92843  
89468  
91836  
95008  
96980  
95176  
94412  
95324  
93377  
93956  
91043  
89784  
92010  
90695  
87812  
91599  
96876  
92690  
84535  
89217  
91350  
92795  
92380  
95843  
88184  
90830  
92110  
86030  
92417  
92510  
96465  
93582  
91070  
90717  
91270  
94591  
95199  
90542  
89368  
93580  
87008  
93980  
85996  
95220  
95178  
93268  
93478  
96944  
92930  
93690  
95835  
95810  
89221  
...
```

Checker comment
ok 949 numbers

73

Time: 358 ms, **memory:** 4412 KB

Verdict: OK

Input


```
ok 3 number(s): "9996099308 9997399305 9989900100"
```

77**Time:** 373 ms, **memory:** 4432 KB**Verdict:** OK**Input**

3

100000 100

99997 99991 99990 99999 99994 99995 100000 99991 99993 99990 99994 99991 99993 99995 99990 99995 99991 99995 99998 99994 99990 99997 99999 99996 100000 99998 99997 99995 99992 99990 99994 99995 99992 99990 99990 99994 99995 99992 99990 99997 99995 99992 99990 99994 99995

Participant's output

9991401145

9991100100

9994399143

Jury's answer

9991401145

9991100100

9994399143

Checker comment

```
ok 3 number(s): "9991401145 9991100100 9994399143"
```

78**Time:** 358 ms, **memory:** 4420 KB**Verdict:** OK**Input**

3

100000 100

99990 99997 99997 99991 99998 99993 99996 99991 99994 99996 100000 99991 99998 99994 99998 99997 99999 99992 99996 99994 99999 99994 99993 99998 99996 99997 99999 99992 99998 99999 99997 99992 99991

Participant's output

9997098704

9994500350

9998898828

Jury's answer

9997098704

9994500350

9998898828

Checker comment

```
ok 3 number(s): "9997098704 9994500350 9998898828"
```

79**Time:** 358 ms, **memory:** 4432 KB**Verdict:** OK**Input**

3

100000 100

99996 99991 99992 99992 99996 99997 99993 99991 99990 99990 99994 99994 99996 99998 99999 99996 99993 99990 99992 99996 99990 99995 99998 99997 99994 99996 99993 99999 99992 99998 99998 99994

Participant's output

9996099438

9997899998

9998298872

Jury's answer

9996099438

9997899998

9998298872

Checker comment

```
ok 3 number(s): "9996099438 9997899998 9998298872"
```

80**Time:** 342 ms, **memory:** 4432 KB**Verdict:** OK**Input**

3

100000 100

99990 99996 99993 99993 100000 99997 99996 99990 99993 99999 99998 99995 99999 100000 99996 99990 99996 99993 99992 99997 99997 100000 99999 99999 99994 99998 99997 100000 99997 100000 99997

Participant's output

```
9998799032
9993099784
9998199300
```

Jury's answer

```
9998799032
9993099784
9998199300
```

Checker comment

```
ok 3 number(s): "9998799032 9993099784 9998199300"
```

81**Time:** 312 ms, **memory:** 3720 KB**Verdict:** OK**Input**

```
30
10000 100
9991 9999 9993 10000 9995 9996 9999 9994 9997 9996 10000 10000 9992 9997 10000 9993 9996 10000 9994 9995 9999 9998 9998 10000 9992 9992 9997 9991 9997 9999 9998 9992 9993 9993 9997 9999 9990 9994 9998 95
```

Participant's output

```
99499856
98989400
98989200
98990410
98990100
99590010
99609650
98989100
98990100
98990100
99538500
99649350
98990100
99269432
99479975
99181057
98990100
99100521
98990500
99071052
99369620
99021025
99549400
98990900
99870650
99529195
99429512
99738925
98990100
98990100
```

Jury's answer

```
99499856
98989400
98989200
98990410
98990100
99590010
99609650
98989100
98990100
98990100
99538500
99649350
98990100
99269432
99479975
99181057
98990100
99100521
98990500
99071052
99369620
99021025
99549400
98990900
99070650
```

```
99520195
99429512
99738925
98990100
98990100
```

Checker comment
ok 30 numbers

82

Time: 327 ms, **memory:** 3736 KB

Verdict: OK

Input

```
30
10000 100
9998 9993 9998 9993 9996 9999 9997 9990 9993 9991 9999 9992 9994 9990 9990 9992 9990 9994 10000 9994 10000 9997 9991 9999 9994 9991 9990 9991 9996 9992 10000 9998 9995 9994 9991 9990 9990 9995
```

Participant's output

```
98990300
98990500
99189608
98988800
99389136
98990500
99639600
99758643
99848900
99051424
98990600
99299488
99090460
99569856
99071132
99279855
98999704
98990400
98990100
99139808
99240848
98990500
99289496
98990200
99359620
98990300
99779217
99579737
99429906
99151506
```

Jury's answer

```
98990300
98990500
99189608
98988800
99389136
98990500
99639600
99758643
99848900
99051424
98990600
99299488
99090460
99569856
99071132
99279855
98999704
98990400
98990100
99139808
99240848
98990500
99289496
98990200
99359620
98990300
99779217
99579737
```

99429906
99151506

Checker comment
ok 30 numbers

83

Time: 327 ms, **memory:** 3652 KB

Verdict: OK

Input

1000
300 100
291 294 294 297 295 293 297 297 291 293 298 296 296 298 294 300 290 299 296 299 295 291 298 296 297 300 291 294 291 296 290 295 292 299 291 290 296 290 290 297 291 296 297 300 294 296 292 299 296 296 29

Participant's output

60200

59600

60322

75346

59800

59800

59500

60300

69780

65809

68520

67217

59800

59900

81660

60400

60200

64650

60200

69825

59702

60200

60400

79798

59900

59700

64468

59900

60600

71574

60200

66444

73414

67140

84080

66980

59700

71250

60659

59600

60276

62484

59400

59600

72860

71820

59400

81495

69420

60300

75392

59800

59400

74276

59700

60500

59800

76493

59800

61193

59600

60200

```
69854
70290
60300
61180
78266
59900
61430
59800
67155
61944
59700
...

```

Jury's answer

```
60200
59600
60322
75346
59800
59800
59500
60300
69780
65009
68520
67217
59800
59900
81660
60400
60200
64650
60200
69825
59702
60200
60400
79798
59900
59700
64468
59900
60600
71574
60200
66444
73414
67140
84080
66980
59700
71250
60659
59600
60276
62484
59400
59600
72060
71820
59400
81495
69420
60300
75392
59800
59400
74276
59700
60500
59800
76493
59800
61193
59600
60200
69854
70290
60300
```

```
61180
78266
59900
61430
59800
67155
61944
59700
...

```

Checker comment
ok 1000 numbers

84

Time: 311 ms, **memory:** 3644 KB

Verdict: OK

Input

```
10000
30 29
26 28 26 30 30 25 22 28 30 27 27 29 27 27 30 9 26 21 23 27 26 25 28 6 28 22 26 30 24 24
30 29
20 27 26 23 26 22 24 26 27 25 27 21 25 29 27 21 23 28 29 29 23 1 26 23 24 26 21 23 21 23
30 29
30 24 21 29 26 26 26 21 26 22 22 22 24 28 26 30 23 9 24 9 26 25 25 24 20 29 30 29 22
30 29
29 23 24 20 27 27 27 23 23 30 28 30 30 29 23 1 26 24 20 8 24 29 30 21 20 23 20 30 26
30 29
24 23 22 28 20 28 25 27 27 30 26 30 22 23 28 20 26 29 21 20 27 29 30 3 20 25 22 24 20 22
30 29
20 30 22 22 22 ...
```

Participant's output

```
174
203
142
148
232
145
231
203
29
145
260
83
232
205
87
5
116
174
230
189
118
232
202
173
203
115
116
55
113
58
135
174
173
145
271
174
145
87
178
18
33
275
200
116
115
```

```
61  
232  
90  
356  
178  
145  
148  
206  
288  
60  
87  
272  
399  
248  
231  
116  
83  
90  
57  
67  
149  
178  
133  
232  
58  
261  
171  
122  
173  
334  
406  
499  
87  
261  
113  
90  
131  
324  
118  
174  
230  
171  
202  
58  
52  
145  
89  
87  
145  
180  
97  
571  
273  
145  
203  
145  
87  
493  
232  
392  
145  
90  
314...
```

Jury's answer

```
174  
203  
142  
148  
232  
145  
231  
203  
29  
145  
260  
83  
232  
205
```

```
87
5
116
174
230
189
118
232
202
173
203
115
116
55
113
58
135
174
173
145
271
174
145
87
178
18
33
275
200
116
115
61
232
90
356
178
145
148
206
288
60
87
272
399
248
231
116
83
90
57
67
149
178
133
232
58
261
171
122
173
334
406
499
87
261
113
90
131
324
118
174
230
171
202
58
52
145
89
87
```

```
145
180
97
571
273
145
203
145
87
493
232
392
145
90
314...
```

Checker comment
ok 10000 numbers

85

Time: 296 ms, **memory:** 3636 KB

Verdict: OK

Input

```
3000
100 99
98 96 91 93 95 100 100 94 90 97 100 99 97 93 95 98 100 98 97 95 96 0 90 5 98 95 98 95 96 94 94 95 91 98 97 99 99 94 97 98 100 98 95 90 92 100 99 90 100 95 90 91 94 90 94 99 97 94 95 91 91 94 95 95 9...
```

Participant's output

```
297
594
891
495
492
2817
561
2847
2037
1452
293
495
4156
1388
402
1956
1032
880
1557
1221
495
791
111
394
4242
227
1779
693
493
1191
687
693
297
751
1617
394
395
4946
297
4494
2947
1183
1710
297
6105
3865
691
```

```
3377  
7637  
792  
2807  
4305  
198  
5181  
6525  
591  
895  
890  
910  
1287  
3344  
5240  
2383  
891  
1958  
2565  
2643  
4673  
4539  
196  
395  
3212  
4014  
495  
393  
297  
3286  
594  
891  
396  
198  
6388  
1610  
5211  
4058  
382  
396  
197  
693  
7199  
495  
203  
495  
11...
```

Jury's answer

```
297  
594  
891  
495  
492  
2817  
561  
2847  
2037  
1452  
293  
495  
4156  
1388  
402  
1956  
1032  
880  
1557  
1221  
495  
791  
111  
394  
4242  
227  
1779  
693  
493  
1191
```

```
687  
693  
297  
751  
1617  
394  
395  
4946  
297  
4494  
2947  
1183  
1710  
297  
6185  
3865  
691  
3377  
7637  
792  
2807  
4305  
198  
5181  
6525  
591  
895  
890  
910  
1287  
3344  
5240  
2383  
891  
1958  
2565  
2643  
4673  
4539  
196  
395  
3212  
4014  
495  
393  
297  
3206  
594  
891  
396  
198  
6388  
1610  
5211  
4058  
382  
396  
197  
693  
7199  
495  
203  
495  
11...
```

Checker comment
ok 3000 numbers

86

Time: 358 ms, **memory:** 4424 KB

Verdict: OK

Input

```
3  
100000 1  
99997 99998 99994 99995 99998 99995 99993 99991 99991 99990 99999 99992 99993 99995 99999 99995 99998 99997 99995 99996 99994 99993 99991 99994 99997 99999 99990 99994 99994 99996 99999 99999 99999 99990
```

Participant's output


```
35870920
35846942
35822942
35858900
35897300
35845412
35793400
35757510
35945700
35823898
35905302
35816230
35892200
35813740
35897400
35862308
35874705
35842950
35826956
35890600
35818900
```

Jury's answer

```
35843718
35842604
35855824
35889500
35763307
35857312
35733199
35843591
35931303
35768608
35858136
35824108
35796260
35795872
35780524
35879778
35856112
35775420
35851100
35901112
35887856
35916124
35799770
35867906
35882780
35939408
35917318
35891456
35844145
35870920
35846942
35822942
35858900
35897300
35845412
35793400
35757510
35945700
35823898
35905302
35816230
35892200
35813740
35897400
35862308
35874705
35842950
35826956
35890600
35818900
```

Checker comment

ok 50 numbers


```
3962500
3972604
3914878
3971500
3954521
3907044
3985100
3915140
3931420
3934208
3943000
3954820
3969802
3959305
3905817
3959615
3968502
3965848
3957314
3950018
3960500
3966503
3932217
3965306
3924175
3940970
3966527...
```

Jury's answer

```
3923388
3962642
3960560
3961800
3931563
3929121
3964506
3964830
3955524
3978900
3970700
3955409
3936142
3952530
3934168
3986900
3964700
3945712
3937340
3968954
3946700
3961506
3953972
3942970
3933700
3950535
3949402
3971500
3950716
3945310
3962500
3972604
3914878
3971500
3954521
3907044
3985100
3915140
3931420
3934208
3943000
3954820
3969802
3959305
3905817
3959615
3968502
3965848
3957314
3950018
```


Jury's answer

Checker comment
ok 150 numbers

EN 200 WINTER 2

95

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

Verdict: OK

Input

Input

8 5

0 1 5 0 8

Partic

4

Jury's answer

4

Checker comm

ok 1 number(s)

Page 1

Checker comment

ok 120 numbers

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Server time: Aug/20/2021 11:50:24 (i2).

version, switch to [modern](#).

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