Add one to even digits X15492_en

Write a program that reads numbers from the input and prints them after having added 1 to their even digits.
For instance, the program will transform number 785902 into 795913.

Input

The input has many cases. Each case is a natural number in one line.

Output

For each case, the output is a separate line with the number with its even digits incremented by 1.

Sample input 1	Sample output 1
35102	35113
785902	795913
1010101	1111111
101010	111111
1010101	1111111
10101	11111
30219834	31319935
410938	511939
99999999	99999999
999999	999999
113311	113311
13221	13331
2	3
3	3
123456789	133557799

Sample input 2	
4289384	3455737
46930887	35005212
81692778	21595369
14636916	94702568
57747794	26956430
24238336	36465783
19885387	61021531
49760493	78722863
96516650	33665124
89641422	45174068
25202363	68703136
50490028	1513930
83368691	1979803
2520060	15634023
44897764	35723059
67513927	69133070
65180541	25898168
40383427	59961394
4089173	89018457
	28175012
	56478043

```
31176230
53377374
59484422
14544920
8413785
56898538
34575199
73594325
49798316
38664371
```

Sample output 2

```
5399395
57931997
91793779
15737917
57757795
35339337
19995397
59771593
97517751
99751533
35313373
51591139
93379791
3531171
55997775
77513937
75191551
51393537
5199173
3555737
35115313
31595379
95713579
37957531
37575793
71131531
79733973
33775135
55175179
79713137
1513931
1979913
15735133
35733159
79133171
35999179
59971395
99119557
39175113
57579153
31177331
53377375
59595533
15555931
9513795
57999539
35575199
73595335
59799317
39775371
```

Observation

Massive storage solutions are not accepted (like `strings` or `vectors`). Read numbers from the input into variables of type `int`, for example with `cin >> a`, and solve the problem operating with integers using +, −, *, /, and %.

Evaluation over 10 points:

- Slow solution: 5 points.

- Fast solution: 10 points.

We understand as fast solution one which is correct, has linear cost and passes the public and private tests. We understand as slow solution one which is not fast, but it is correct and passes the public tests.

Problem information

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Generation : 2023-11-01 16:33:12