SPOJ.com - Problem ONEZERO 31/10/17, 3:09 AM



♣ PROBLEMS (/problems) ● STATUS (/status) ♥ RANKS (/ranks)

☑ DISCUSS (http://spoj.com/forum) CONTESTS (/contests) ▲ (/manageaccount/)

() PROFILE →

Problems (/problems) / classical (/problems/classical) / Ones and zeros

My status (/status/ONEZERO,javafreak/) Status (/status/ONEZERO/) Ranking (/ranks/ONEZE

✓ Submit solution! (/submit/ONEZERO/

Added by: Paweł Dobrzycki (/users/ci

Date: 2005-05-26 Time limit: Source limit: 4096B

Languages:

Memory limit: 1536MB Cube (Intel G860) (/clusters Cluster: All except: NODEJS PERL6

VB.NET

II Polish Olympiad in Resource: Informatics, Ist Stage

to find out whether the product has this property.

Number K of test cases (K is approximately 1000): in each of the next K lines there is one integer n (1 <= n <= 20000)

Output

For each test case, your program should compute the smallest multiple of the number n consisting only of digits 1 and 0 (beginning with 1).

ONEZERO - Ones and zeros

#bfs (/problems/tag/bfs)

Certain positive integers have their decimal representation consisting only of ones and zeros, and having at least one

digit one, e.g. 101. If a positive integer does not have such a property, one can try to multiply it by some positive integer

Example

Input: 17 11011 Output: 11101 11011 11101

✓ Submit solution! (/submit/ONEZERO/)

Vote requirements

- ✓ be spoj user for at least 5 days
- ✓ solve at least 15 problems
- x solve this problem

hide comments

< Previous 2 (/problems/ONEZERO/cstart=10) 3 (/problems/ONEZERO/cstart=20) 4 (/problems/ONEZERO/cstart=30) 5 (/problems/ONEZERO/cstart=40) 6 (/problems/ONEZERO/cstart=50) 7 (/problems/ONEZERO/cstart=60) 8 (/problems/ONEZERO/cstart=70) 9 (/problems/ONEZERO/cstart=80)

Next (/problems/ONEZERO/cstart=10) > (/problems/ONEZERO/cstart=90)

aditya930 (/users/aditya930): 2017-10-20 15:47:04

getting WA can someone help wrong answer code is https://ideone.com/SMd9dj

vishesh197 (/users/vishesh197): 2017-10-17 17:11:10

did it using bfsbut used modular arithmetic for checking remainder....it took me 5.44sec but AC in first go.Can anybody help me with my implementation....

nadstratosfer (/users/nadstratosfer): 2017-10-17 10:37:54

If you come here to practice BFS, look elsewhere. It's basically a bruteforce trial division over binary-looking numbers. People raving about smart-sounding acronyms here remind me of binmen calling themselves "environmental officers".

rohit1507 (/users/rohit1507): 2017-09-20 13:28:01 Fcking awesome!!! Question worth giving time!

