**Graph:**

1. **https://codeforces.com/contest/377/problem/A**

**DP:**

**NUMBER THEORY:**

[**https://onlinejudge.org/index.php?option=onlinejudge&Itemid=8&page=show\_problem&problem=2302**](https://onlinejudge.org/index.php?option=onlinejudge&Itemid=8&page=show_problem&problem=2302)

I Love solving number theory problems and here is some of them.  
[SPOJ.com - Problem AFS](http://www.spoj.com/problems/AFS/)  
[SPOJ.com - Problem AFS2](http://www.spoj.com/problems/AFS2/)  
[SPOJ.com - Problem BORING](http://www.spoj.com/problems/BORING/)  
[SPOJ.com - Problem BSPRIME](http://www.spoj.com/problems/BSPRIME/)  
[SPOJ.com - Problem DCEPC12G](http://www.spoj.com/problems/DCEPC12G/)  
[SPOJ.com - Problem DCEPC804](http://www.spoj.com/problems/DCEPC804/)  
[SPOJ.com - Problem MOD](http://www.spoj.com/problems/MOD/)  
[SPOJ.com - Problem DIVSUM2](http://www.spoj.com/problems/DIVSUM2/)  
[SPOJ.com - Problem NDIV](http://www.spoj.com/problems/NDIV/)  
[SPOJ.com - Problem INVPHI](http://www.spoj.com/problems/INVPHI/)  
[SPOJ.com - Problem HABLU](http://www.spoj.com/problems/HABLU/)  
[SPOJ.com - Problem NFACTOR](http://www.spoj.com/problems/NFACTOR/)  
[SPOJ.com - Problem TAP2013H](http://www.spoj.com/problems/TAP2013H/)  
[SPOJ.com - Problem IDC1948](http://www.spoj.com/problems/IDC1948/)  
[SPOJ.com - Problem HOMEW](http://www.spoj.com/problems/HOMEW/)  
[SPOJ.com - Problem PAGAIN](http://www.spoj.com/problems/PAGAIN/)  
[SPOJ.com - Problem PSYCHOT](http://www.spoj.com/problems/PSYCHOT/)  
[SPOJ.com - Problem SPCM](http://www.spoj.com/problems/SPCM/)  
[SPOJ.com - Problem HNUMBERS](http://www.spoj.com/problems/HNUMBERS/)  
NOTE:: These problems not that easy you need good knowledge of number theory in order to solve these.

If some one likes Fibonacci problems here it goes.  
the list is not going to end .  
[SPOJ.com - Problem FIBOSQRT](http://www.spoj.com/problems/FIBOSQRT/)  
[SPOJ.com - Problem FIBOSUM](http://www.spoj.com/problems/FIBOSUM)  
[SPOJ.com - Problem FIBTWIST](http://www.spoj.com/problems/FIBTWIST)  
[SPOJ.com - Problem BUILDTOW](http://www.spoj.com/problems/BUILDTOW)  
[SPOJ.com - Problem FLIB](http://www.spoj.com/problems/FLIB)  
[SPOJ.com - Problem POWERPHI](http://www.spoj.com/problems/POWERPHI)

Best Fibonacci problem ever solved  
[SPOJ.com - Problem FRS2](http://www.spoj.com/problems/FRS2)  
[SPOJ.com - Problem FRSKH](http://www.spoj.com/problems/FRSKH)  
[SPOJ.com - Problem FRSKT](http://www.spoj.com/problems/FRSKT)  
[SPOJ.com - Problem PISANO](http://www.spoj.com/problems/PISANO)

Best number theory problem ever solved  
[SPOJ.com - Problem NUMTRY](http://www.spoj.com/problems/NUMTRY)  
[SPOJ.com - Problem IITKWPCM](http://www.spoj.com/problems/IITKWPCM)