



Contests

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**You must be logged in to add problems to this category****Codeforces Div. 2 - F Problems problems**

	Problem Name	Online Judge	Contest
1	<a href="#">Ant colony</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #271 (Div. 2)
2	<a href="#">Video Cards</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #376 (Div. 2)
3	<a href="#">SUM and REPLACE</a>	<a href="#">Categories</a> Codeforces	Educational Codeforces Round 37 (Rated for Div. 2)
4	<a href="#">st-Spanning Tree</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #375 (Div. 2)
5	<a href="#">Fence</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #145 (Div. 2, ACM-ICPC Rules) & Codeforces Round #145 (Div. 1, ACM-ICPC Rules)
6	<a href="#">Polycarp and Hay</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #346 (Div. 2)
7	<a href="#">Mathematical Analysis Rocks!</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #116 (Div. 2, ACM-ICPC Rules)
8	<a href="#">New Year Tree</a>	<a href="#">Categories</a> Codeforces	Good Bye 2013
9	<a href="#">Special Matrices</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #277.5 (Div. 2)
10	<a href="#">A Heap of Heaps</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #300
11	<a href="#">Group Projects</a>	<a href="#">Categories</a> Codeforces	8VC Venture Cup 2016 - Elimination Round
12	<a href="#">Lizard Era: Beginning</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #325 (Div. 1) & Codeforces Round #325 (Div. 2)
13	<a href="#">Barrels and boxes</a>	<a href="#">Categories</a> Codeforces	Divide by Zero 2017 and Codeforces Round #399 (Div. 1 + Div. 2, combined)
14	<a href="#">Letters Removing</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #452 (Div. 2)
15	<a href="#">Random Query</a>	<a href="#">Categories</a> Codeforces	Educational Codeforces Round 28
16	<a href="#">MEX Queries</a>	<a href="#">Categories</a> Codeforces	Educational Codeforces Round 23
17	<a href="#">Couple Cover</a>	<a href="#">Categories</a> Codeforces	Educational Codeforces Round 14
18	<a href="#">Expected diameter of a tree</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #411 (Div. 1) & Codeforces Round #411 (Div. 2)
19	<a href="#">Tourist Reform</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #377 (Div. 2)
20	<a href="#">Axel and Marston in Bitland</a>	<a href="#">Categories</a> Codeforces	?????????? 2017 - ????? (?????? ??? ??????-??????????)
21	<a href="#">New Year and Rainbow Roads</a>	<a href="#">Categories</a> Codeforces	Good Bye 2017
22	<a href="#">Restore a Number</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #350 (Div. 2)
23	<a href="#">Drivers Dissatisfaction</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #378 (Div. 2)
24	<a href="#">Peterson Polyglot</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #402 (Div. 1) & Codeforces Round #402 (Div. 2)
25	<a href="#">Break Up</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #364 (Div. 1) & Codeforces Round #364 (Div. 2)
26	<a href="#">Bacterial Melee</a>	<a href="#">Categories</a> Codeforces	8VC Venture Cup 2017 - Final Round
27	<a href="#">PolandBall and Gifts</a>	<a href="#">Categories</a> Codeforces	8VC Venture Cup 2017 - Elimination Round
28	<a href="#">Treeland Tour</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #279 (Div. 2)
29	<a href="#">Coprime Subsequences</a>	<a href="#">Categories</a> Codeforces	Educational Codeforces Round 20
30	<a href="#">Bamboo Partition</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #424 (Div. 1, rated, based on VK Cup Finals) & Codeforces Round #424 (Div. 2, rated, based on VK Cup Finals)
31	<a href="#">Legen...</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #362 (Div. 1) & Codeforces Round #362 (Div. 2)
32	<a href="#">Cities Excursions</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #436 (Div. 2)
33	<a href="#">New Year and Cleaning</a>	<a href="#">Categories</a> Codeforces	Good Bye 2015
34	<a href="#">Level Generation</a>	<a href="#">Categories</a> Codeforces	Educational Codeforces Round 24
35	<a href="#">Leha and security system</a>	<a href="#">Categories</a> Codeforces	Tinkoff Challenge - Final Round (Codeforces Round #414, rated, Div. 1 + Div. 2)
36	<a href="#">Cowslip Collections</a>	<a href="#">Categories</a> Codeforces	CROC 2016 - Elimination Round
37	<a href="#">Progress Monitoring</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #289 (Div. 2, ACM ICPC Rules)
38	<a href="#">Financiers Game</a>	<a href="#">Categories</a> Codeforces	Technocup 2017 - Elimination Round 2
39	<a href="#">The Sum of the k-th Powers</a>	<a href="#">Categories</a> Codeforces	Educational Codeforces Round 7
40	<a href="#">Escape Through Leaf</a>	<a href="#">Categories</a> Codeforces	ICM Technex 2018 and Codeforces Round #463 (Div. 1 + Div. 2, combined)
41	<a href="#">Present to Mom</a>	<a href="#">Categories</a> Codeforces	Codeforces Beta Round #95 (Div. 2)
42	<a href="#">Anti-Palindromize</a>	<a href="#">Categories</a> Codeforces	Educational Codeforces Round 31
43	<a href="#">Team Rocket Rises Again</a>	<a href="#">Categories</a> Codeforces	Codecraft-17 and Codeforces Round #391 (Div. 1 + Div. 2, combined)
44	<a href="#">Magic Matrix</a>	<a href="#">Categories</a> Codeforces	Educational Codeforces Round 9
45	<a href="#">Machine Learning</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #466 (Div. 2)
46	<a href="#">Mausoleum</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #Pi (Div. 2)
47	<a href="#">Souvenirs</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #397 by Kaspersky Lab and Barcelona Bootcamp (Div. 1 + Div. 2 combined)
48	<a href="#">Double Knapsack</a>	<a href="#">Categories</a> Codeforces	Wunder Fund Round 2016 (Div. 1 + Div. 2 combined)
49	<a href="#">Divisibility</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #461 (Div. 2)
50	<a href="#">Bear and Bowling 4</a>	<a href="#">Categories</a> Codeforces	Educational Codeforces Round 11
51	<a href="#">Best Edge Weight</a>	<a href="#">Categories</a> Codeforces	Codeforces Round #423 (Div. 1, rated, based on VK Cup Finals) & Codeforces Round #423 (Div. 2, rated, based on VK Cup Finals)
52	<a href="#">Polycarp's problems</a>	<a href="#">Categories</a> Codeforces	Technocup 2017 - Elimination Round 1 (Unofficially Open for Everyone, Rated for Div. 2)
53	<a href="#">Santa Clauses and a Soccer Championship</a>	<a href="#">Categories</a> Codeforces	Technocup 2017 - Elimination Round 3



Problem Name	Online Judge	
54 <a href="#">The Chocolate Spree</a> <a href="#">Categories</a>	Codeforces	Manthan, Codefest 16
55 <a href="#">Almost Permutation</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 29
56 <a href="#">LCS Again</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #320 (Div. 1) [Bayan Thanks-Round] & Codeforces Round #320 (Div. 2) [Bayan Thanks-Round]
57 <a href="#">Geometrical Progression</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #392 (Div. 2)
58 <a href="#">Subtree Minimum Query</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 33 (Rated for Div. 2)
59 <a href="#">Prefix Sums</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 26
60 <a href="#">Music in Car</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #386 (Div. 2)
61 <a href="#">Forbidden Indices</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 30
62 <a href="#">Tree Destruction</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 35 (Rated for Div. 2)
63 <a href="#">Card Game</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 21
64 <a href="#">Zubicanes and Mumocrates</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #322 (Div. 2)
65 <a href="#">Restoring the Expression</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #451 (Div. 2)
66 <a href="#">Paper task</a> <a href="#">Categories</a>	Codeforces	IndiaHacks 2016 - Online Edition (Div. 1 + Div. 2)
67 <a href="#">String Compression</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 25
68 <a href="#">String Set Queries</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 16
69 <a href="#">Yet Another Minimization Problem</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #438 by Sberbank and Barcelona Bootcamp (Div. 1 + Div. 2 combined)
70 <a href="#">Wizard's Tour</a> <a href="#">Categories</a>	Codeforces	?????????? 2018 - ?????????? ????? 1
71 <a href="#">Dasha and Photos</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #394 (Div. 2)
72 <a href="#">New Year and Finding Roots</a> <a href="#">Categories</a>	Codeforces	Good Bye 2016
73 <a href="#">Substrings in a String</a> <a href="#">Categories</a>	Codeforces	Codecraft-18 and Codeforces Round #458 (Div. 1 + Div. 2, combined)
74 <a href="#">T-Shirts</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 15
75 <a href="#">Simplified Nongram</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #298 (Div. 2)
76 <a href="#">New Year Shopping</a> <a href="#">Categories</a>	Codeforces	Good Bye 2014
77 <a href="#">Mice and Holes</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 19
78 <a href="#">Roads in the Kingdom</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #427 (Div. 2)
79 <a href="#">Madness</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #422 (Div. 2)
80 <a href="#">Family Photos</a> <a href="#">Categories</a>	Codeforces	Canada Cup 2016
81 <a href="#">Strongly Connected Tournament</a> <a href="#">Categories</a>	Codeforces	Hello 2018
82 <a href="#">Design Tutorial: Change the Goal</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #270
83 <a href="#">Clear The Matrix</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 34 (Rated for Div. 2)
84 <a href="#">Paths</a> <a href="#">Categories</a>	Codeforces	Technocup 2018 - Elimination Round 2
85 <a href="#">Edge coloring of bipartite graph</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 2
86 <a href="#">Bipartite Checking</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 22
87 <a href="#">Fafa and Array</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #465 (Div. 2)
88 <a href="#">Four Divisors</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 12
89 <a href="#">Limak and Shooting Points</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #363 (Div. 1) & Codeforces Round #363 (Div. 2)
90 <a href="#">Xors on Segments</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 6
91 <a href="#">Smart Boy</a> <a href="#">Categories</a>	Codeforces	School Personal Contest #1 (Winter Computer School 2010/11) - Codeforces Beta Round #38 (ACM-ICPC Rules)
92 <a href="#">Perishable Roads</a> <a href="#">Categories</a>	Codeforces	VK Cup 2017 - Round 3
93 <a href="#">Cyclic Cipher</a> <a href="#">Categories</a>	Codeforces	Intel Code Challenge Elimination Round (Div. 1 + Div. 2, combined)
94 <a href="#">Bear and Fair Set</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 8
95 <a href="#">Cutlet</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #464 (Div. 2)
96 <a href="#">Connecting Vertices</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 32
97 <a href="#">Expensive Strings</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 5
98 <a href="#">Pasha and Pipe</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #293 (Div. 2)
99 <a href="#">Igor and Interesting Numbers</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #387 (Div. 2)
100 <a href="#">Sherlock's bet to Moriarty</a> <a href="#">Categories</a>	Codeforces	ICM Technex 2017 and Codeforces Round #400 (Div. 1 + Div. 2, combined)
101 <a href="#">AND-permutations</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #455 (Div. 2)
102 <a href="#">Erasing Substrings</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 38 (Rated for Div. 2)
103 <a href="#">New Year Snowflake</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #100
104 <a href="#">Row of Models</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #444 (Div. 2)
105 <a href="#">Nagini</a> <a href="#">Categories</a>	Codeforces	Manthan, Codefest 17
106 <a href="#">Duff in Mafia</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #326 (Div. 1) & Codeforces Round #326 (Div. 2)
107 <a href="#">Simba on the Circle</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 4
108 <a href="#">Sequence Recovery</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #408 (Div. 2)
109 <a href="#">Mages and Monsters</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 18
110 <a href="#">Snow sellers</a> <a href="#">Categories</a>	Codeforces	School Personal Contest #3 (Winter Computer School 2010/11) - Codeforces Beta Round #45 (ACM-ICPC Rules)
111 <a href="#">Guards In The Storehouse</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 27
112 <a href="#">Tree nesting</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 17
113 <a href="#">Ants on a Circle</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 10
114 <a href="#">Cut Length</a> <a href="#">Categories</a>	Codeforces	Educational Codeforces Round 1
115 <a href="#">Gnomes of Might and Magic</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #115
116 <a href="#">Mahmoud and Ehab and the final stage</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #435 (Div. 2)
117 <a href="#">Bearish Fanpages</a> <a href="#">Categories</a>	Codeforces	VK Cup 2016 - Round 3
118 <a href="#">Beautiful fountains rows</a> <a href="#">Categories</a>	Codeforces	Playrix Codescapes Cup (Codeforces Round #413, rated, Div. 1 + Div. 2)
119 <a href="#">A Game With Numbers</a> <a href="#">Categories</a>	Codeforces	Codeforces Round #460 (Div. 2)

