Habib41/2_BUBT   A² Online Judge   »   by Ahmed Aly

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combinatorics problems

	Problem Name		Online Judge	Year	Contest
1	Permutations	Categories	SPOJ		
2	Cipher	Categories	PKU		
3	Lucky Numbers	Categories	Codeforces		Experimental Educational Round: VolBIT Formulas Blitz
4	Paths on a Grid	Categories	PKU		
5	Wooden Sticks	Categories	PKU		
6	DNA Sorting	Categories	PKU		
7	Chocolate	Categories	Codeforces		Codeforces Round #340 (Div. 2)
8	Mashmokh and ACM	Categories	Codeforces		Codeforces Round #240 (Div. 1) & Codeforces Round #240 (Div. 2)
9	Brick Wall Patterns	Categories	UVA		
10	Round Numbers	Categories	PKU		
11	Marbles	Categories	SPOJ		
12	Number Sequence	Categories	PKU		
13	Wet Shark and Bishops	Categories	Codeforces		Codeforces Round #341 (Div. 2)
14	Dreamoon and WiFi	Categories	Codeforces		Codeforces Round #272 (Div. 2)
15	Triangle Counting	Categories	UVA		
16	Combinations	Categories	UVA		
17	Random Teams	Categories	Codeforces		Codeforces Round #273 (Div. 2)
18	Pasha and Stick	Categories	Codeforces		Codeforces Round #337 (Div. 2)
19	Mr. Kitayuta's Gift	Categories	Codeforces		Codeforces Round #286 (Div. 1) & Codeforces Round #286 (Div. 2) & Codeforces Round #286 (Div. 1) & Codeforces Round #286 (Div. 2)
20	The World is a Theatre	Categories	Codeforces		Codeforces Beta Round #95 (Div. 2)
21	Necklace of Beads	Categories	PKU		
22	Modulo Sum	Categories	Codeforces		Codeforces Round #319 (Div. 2)
23	Count the Trees	Categories	UVA		
24	Color	Categories	PKU		
25	Yet another Number Sequence	Categories	UVA		
26	Kyoya and Colored Balls	Categories	Codeforces		Codeforces Round #309 (Div. 1) & Codeforces Round #309 (Div. 2)
27	Kolya and Tanya	Categories	Codeforces		Codeforces Round #324 (Div. 2)
28	Safe Salutations	Categories	UVA		
29	Code	Categories	PKU		
30	Choose and divide	Categories	UVA		
31	Candy Distribution	Categories	PKU		
32	Pocket Book	Categories	Codeforces		Codeforces Round #108 (Div. 2)
33	How Many Trees?	Categories	UVA		
34	Leha and Function	Categories	Codeforces		Codeforces Round #429 (Div. 1) & Codeforces Round #429 (Div. 2)
35	Let it Bead	Categories	PKU		
36	Permutations	Categories	UVA		
37	Points on Line	Categories	Codeforces		Codeforces Round #153 (Div. 1) & Codeforces Round #153 (Div. 2)
38	Ciel and Flowers	Categories	Codeforces		Codeforces Round #190 (Div. 2)
39	How many nodes ?	Categories	UVA		
40	Trees Made to Order	Categories	PKU		
41	Little Elephant and Interval	Categories	Codeforces		Codeforces Round #129 (Div. 1) & Codeforces Round #129 (Div. 2)
42	Binomial Theorem	Categories	UVA		
43	Ilya and Escalator	Categories	Codeforces		Codeforces Round #293 (Div. 2)
44	Pashmak and Buses	Categories	Codeforces		Codeforces Round #261 (Div. 2)
45	Unbearable Controversy of Being	Categories	Codeforces		Codeforces Round #277.5 (Div. 2)
46	Magic Bracelet	Categories	PKU		
47	Selection of Personnel	Categories	Codeforces		Experimental Educational Round: VolBIT Formulas Blitz
48	Expression Bracketing	Categories	UVA		
49	Longge's problem	Categories	PKU		
50	Cow Sorting	Categories	PKU		
51	Card Game	Categories	SPOJ		
52	Burger	Categories	UVA		
53	Hamming Distance Sum	Categories	Codeforces		Codeforces Round #336 (Div. 2)
54	Lucky tickets	Categories	PKU		

	Problem Name		Online Judge	Year	Contest
55	Connected Graph	Categories	PKU		
56	A decorative fence	Categories	PKU		
57	Magic Five	Categories	Codeforces		Codeforces Round #191 (Div. 2)
58	Matrix	Categories	Codeforces		Codeforces Round #213 (Div. 1) & Codeforces Round #213 (Div. 2)
59	Vanya and Triangles	Categories	Codeforces		Codeforces Round #308 (Div. 2)
60	Ralph And His Magic Field	Categories	Codeforces		Codeforces Round #447 (Div. 2)
61	Polo the Penguin and Houses	Categories	Codeforces		Codeforces Round #177 (Div. 1)
62	Difference between Triplets	Categories	PKU		
63	Weather	Categories	Codeforces		Codeforces Round #145 (Div. 2, ACM-ICPC Rules)
64	The Stable Marriage Problem	Categories	PKU		
65	Star	Categories	Codeforces		April Fools Day Contest
66	FUN WITH NUMBERS	Categories	SPOJ		
67	The Intriguing Obsession	Categories	Codeforces		Codeforces Round #439 (Div. 2)
68	Quantity of Strings	Categories	Codeforces		Codeforces Round #107 (Div. 1) & Codeforces Round #107 (Div. 2)
69	Dima and Sequence	Categories	Codeforces		Codeforces Round #167 (Div. 2)
70	Inna and Nine	Categories	Codeforces		Codeforces Round #220 (Div. 2)
71	Beautiful Numbers	Categories	Codeforces		Codeforces Round #181 (Div. 2)
72	Leonardo's Notebook	Categories	PKU		
73	Tourist Problem	Categories	Codeforces		Codeforces Round #198 (Div. 2) & Codeforces Round #198 (Div. 1)
74	New Year Santa Network	Categories	Codeforces		Good Bye 2014
75	Benches	Categories	Codeforces		Experimental Educational Round: VolBIT Formulas Blitz
76	Directed Roads	Categories	Codeforces		Codeforces Round #369 (Div. 2)
77	CARDS	Categories	PKU		
78	Gerald and Giant Chess	Categories	Codeforces		Codeforces Round #313 (Div. 1) & Codeforces Round #313 (Div. 2)
79	Roman and Numbers	Categories	Codeforces		Codeforces Round #235 (Div. 2)
80	Anton and School - 2	Categories	Codeforces		Codeforces Round #404 (Div. 2)
81	Jerry's Protest	Categories	Codeforces		8VC Venture Cup 2016 - Elimination Round
82	How many trees?	Categories	Codeforces		Codeforces Beta Round #9 (Div. 2 Only)
83	Jeff and Furik	Categories	Codeforces		Codeforces Round #204 (Div. 1) & Codeforces Round #204 (Div. 2)
84	Symmetric and Transitive	Categories	Codeforces		Codeforces Round #315 (Div. 1) & Codeforces Round #315 (Div. 2)
85	Winter is here	Categories	Codeforces		Codeforces Round #428 (Div. 2)
86	Dima and Two Sequences	Categories	Codeforces		Codeforces Round #167 (Div. 2) & Codeforces Round #167 (Div. 1)
87	Malek Dance Club	Categories	Codeforces		Codeforces Round #189 (Div. 1) & Codeforces Round #189 (Div. 2)
88	Two Heaps	Categories	Codeforces		Codeforces Round #205 (Div. 2)
89	Regetni	Categories	PKU		
90	Prime Factors	Categories	Live Archive	1997	North America - East Central NA
91	Increase Sequence	Categories	Codeforces		Codeforces Round #266 (Div. 2)
92	Kyoya and Permutation	Categories	Codeforces		Codeforces Round #309 (Div. 1) & Codeforces Round #309 (Div. 2)
93	Basketball Team	Categories	Codeforces		Codeforces Beta Round #83 (Div. 1 Only) & Codeforces Beta Round #83 (Div. 2 Only)
94	The shuffle Problem	Categories	PKU		
95	Weird journey	Categories	Codeforces		Codeforces Round #407 (Div. 1) & Codeforces Round #407 (Div. 2)
96	Permutations	Categories	Codeforces		Codeforces Beta Round #92 (Div. 2 Only)
97	Lengthening Sticks	Categories	Codeforces		Codeforces Round #317 [AimFund Thanks-Round] (Div. 1) & Codeforces Round #317 [AimFund Thanks-Round] (Div. 2)
98	Mashmokh and Reverse Operation	Categories	Codeforces		Codeforces Round #240 (Div. 1) & Codeforces Round #240 (Div. 2)
99	Square Subsets	Categories	Codeforces		Codeforces Round #448 (Div. 2)
100	Vitaly and Cycle	Categories	Codeforces		Codeforces Round #311 (Div. 2)
101	Games with Rectangle	Categories	Codeforces		Codeforces Beta Round #94 (Div. 1 Only) & Codeforces Beta Round #94 (Div. 2 Only)
102	Shaass and Lights	Categories	Codeforces		Codeforces Round #178 (Div. 2)
103	Cycles	Categories	Codeforces		Codeforces Round #144 (Div. 1) & Codeforces Round #144 (Div. 2)
104	Iahub and Permutations	Categories	Codeforces		Codeforces Round #198 (Div. 2) & Codeforces Round #198 (Div. 1)
105	Permutation Sum	Categories	Codeforces		Codeforces Round #175 (Div. 2)
106	Lucky Subsequence	Categories	Codeforces		Codeforces Round #104 (Div. 1) & Codeforces Round #104 (Div. 2)
107	Partial Sums	Categories	Codeforces		Codeforces Round #138 (Div. 1) & Codeforces Round #138 (Div. 2)
108	Array	Categories	Codeforces		Codeforces Beta Round #53
109	Greg and Friends	Categories	Codeforces		Codeforces Round #179 (Div. 1) & Codeforces Round #179 (Div. 2)
110	Birthday Cake	Categories	PKU		
111	Little Elephant and LCM	Categories	Codeforces		Codeforces Round #157 (Div. 1) & Codeforces Round #157 (Div. 2)
112	Parking Lot	Categories	Codeforces		Experimental Educational Round: VolBIT Formulas Blitz
113	Lucky Permutation	Categories	Codeforces		Codeforces Beta Round #91 (Div. 1 Only) & Codeforces Beta Round #91 (Div. 2 Only)
114	Table	Categories	Codeforces		Codeforces Round #144 (Div. 1) & Codeforces Round #144 (Div. 2)
115	Numbers	Categories	Codeforces		Codeforces Round #131 (Div. 1) & Codeforces Round #131 (Div. 2)
116	Jzzhu and Numbers	Categories	Codeforces		Codeforces Round #257 (Div. 1)
117	Pig and Palindromes	Categories	Codeforces		Codeforces Round #316 (Div. 2)
118	Unusual Sequences	Categories	Codeforces		Codeforces Round #450 (Div. 2)
119	Triangles	Categories	Codeforces		Codeforces Round #142 (Div. 1) & Codeforces Round #142 (Div. 2)
120	Special Matrices	Categories	Codeforces		Codeforces Round #277.5 (Div. 2)
121	Devu and Flowers	Categories	Codeforces		Codeforces Round #258 (Div. 2)

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122	Compartments	Categories	Codeforces		Codeforces Round #207 (Div. 1) & Codeforces Round #207 (Div. 2)
123	Memory and Scores	Categories	Codeforces		Codeforces Round #370 (Div. 2)
124	Little Elephant and Elections	Categories	Codeforces		Codeforces Round #157 (Div. 1) & Codeforces Round #157 (Div. 2)
125	Pluses everywhere	Categories	Codeforces		Codeforces Round #295 (Div. 2) & Codeforces Round #295 (Div. 1)
126	Challenge Pennants	Categories	Codeforces		Experimental Educational Round: VolBIT Formulas Blitz
127	Magic Trick	Categories	Codeforces		MemSQL Start[c]UP 2.0 - Round 1
128	Mike and Geometry Problem	Categories	Codeforces		Codeforces Round #361 (Div. 2)
129	GukiZ and Binary Operations	Categories	Codeforces		Codeforces Round #307 (Div. 2)
130	Bots	Categories	Codeforces		Bubble Cup 8 - Finals [Online Mirror]
131	Sum of powers	Categories	PKU		
132	Cipher	Categories	Codeforces		Codeforces Round #110 (Div. 1) & Codeforces Round #110 (Div. 2)
133	Random Task	Categories	Codeforces		Codeforces Round #247 (Div. 2)
134	ETS Problem setting	Categories	UVA		
135	?????	Categories	PKU		
136	Plato's Blocks	Categories	PKU		
137	Axis Walking	Categories	Codeforces		Codeforces Round #191 (Div. 2)
138	On Number of Decompositions into Multipliers	Categories	Codeforces		Codeforces Round #232 (Div. 1) & Codeforces Round #232 (Div. 2)
139	Devu and Birthday Celebration	Categories	Codeforces		Codeforces Round #251 (Div. 2)
140	Square Root of Permutation	Categories	Codeforces		Educational Codeforces Round 4
141	Beautiful Pairs of Numbers	Categories	Codeforces		Codeforces Round #236 (Div. 1)
142	The table	Categories	Codeforces		Codeforces Round #140 (Div. 1)
143	Chessboard Billiard	Categories	Codeforces		Codeforces Beta Round #68
144	Vasily the Bear and Beautiful Strings	Categories	Codeforces		Codeforces Round #195 (Div. 2)
145	On the Bench	Categories	Codeforces		Codeforces Round #429 (Div. 1) & Codeforces Round #429 (Div. 2)
146	String Mark	Categories	Codeforces		Codeforces Round #448 (Div. 2)
147	Yaroslav and Two Strings	Categories	Codeforces		Codeforces Round #179 (Div. 2)
148	Dima and Horses	Categories	Codeforces		Codeforces Round #167 (Div. 2) & Codeforces Round #167 (Div. 1)
149	Ski Base	Categories	Codeforces		Codeforces Beta Round #75 (Div. 1 Only) & Codeforces Beta Round #75 (Div. 2 Only)
150	Fence Divercity	Categories	Codeforces		Codeforces Round #346 (Div. 2)
151	Levko and Strings	Categories	Codeforces		Codeforces Round #210 (Div. 1) & Codeforces Round #210 (Div. 2)
152	Right Triangles	Categories	Codeforces		Codeforces Testing Round #1
153	Misha and Palindrome Degree	Categories	Codeforces		Codeforces Round #285 (Div. 2) & Codeforces Round #285 (Div. 1)
154	Bath Queue	Categories	Codeforces		Codeforces Beta Round #28 (Codeforces format)
155	Positions in Permutations	Categories	Codeforces		Codeforces Round #175 (Div. 2)
156	Different Subsets For All Tuples	Categories	Codeforces		Educational Codeforces Round 11
157	Find a car	Categories	Codeforces		Codeforces Round #415 (Div. 1) & Codeforces Round #415 (Div. 2)
158	Clues	Categories	Codeforces		Codeforces Round #110 (Div. 1)
159	The Child and Binary Tree	Categories	Codeforces		Codeforces Round #250 (Div. 1)
160	An unavoidable detour for home	Categories	Codeforces		Codeforces Round #418 (Div. 2)
161	Codeword	Categories	Codeforces		Codeforces Round #349 (Div. 1)
162	Sereja and Intervals	Categories	Codeforces		Codeforces Round #215 (Div. 1)
163	Greg and Caves	Categories	Codeforces		Codeforces Round #179 (Div. 1)
164	Hexagonal Routes	Categories	PKU		
165	Cowslip Collections	Categories	Codeforces		CROC 2016 - Elimination Round
166	Vowels	Categories	Codeforces		Codeforces Round #225 (Div. 1)
167	Number Challenge	Categories	Codeforces		Codeforces Round #146 (Div. 1)
168	Brackets	Categories	Codeforces		Codeforces Beta Round #92 (Div. 1 Only) & Codeforces Beta Round #92 (Div. 2 Only)
169	Periodical Numbers	Categories	Codeforces		Codeforces Round #132 (Div. 2)
170	Polo the Penguin and Trees	Categories	Codeforces		Codeforces Round #177 (Div. 1)
171	Number Table	Categories	Codeforces		Codeforces Beta Round #39
172	Playing with Superglue	Categories	Codeforces		Croc Champ 2012 - Round 2
173	Parquet	Categories	Codeforces		Codeforces Beta Round #26 (Codeforces format)
174	Black-and-White Cube	Categories	Codeforces		Testing Round #7
175	Distinct Paths	Categories	Codeforces		Croc Champ 2013 - Round 2
176	Gifts	Categories	Codeforces		Codeforces Round #142 (Div. 1)
177	Petya and Coloring	Categories	Codeforces		Codeforces Beta Round #85 (Div. 1 Only)
178	Cow Tennis Tournament	Categories	Codeforces		Codeforces Round #174 (Div. 1)
179	Tickets	Categories	Codeforces		Codeforces Beta Round #26 (Codeforces format)
180	New Year Garland	Categories	Codeforces		Codeforces Round #100
181	Olya and Graph	Categories	Codeforces		Codeforces Round #184 (Div. 2)
182	Research Rover	Categories	Codeforces		Intel Code Challenge Elimination Round (Div. 1 + Div. 2, combined)
183	Random Function and Tree	Categories	Codeforces		Codeforces Round #275 (Div. 1)
184	Ksenia and Combinatorics	Categories	Codeforces		Redeforces Round #224 (Div. 2)
185	White, Black and White Again	Categories	Codeforces		Testing Round #6
186	Randomizer	Categories	Codeforces		Codeforces Round #313 (Div. 1)
187	Lesson Timetable	Categories	Codeforces		Codeforces Beta Round #37
188	Lucky Pair	Categories	Codeforces		Codeforces Round #104 (Div. 1)

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189	Flags	Categories	Codeforces		Codeforces Beta Round #76 (Div. 1 Only)
190	Triangles	Categories	Codeforces		Codeforces Beta Round #15
191	Pasha and Pipe	Categories	Codeforces		Codeforces Round #293 (Div. 2)
192	Lust	Categories	Codeforces		Codeforces Round #446 (Div. 1)
193	Present for Vitalik the Philatelist	Categories	Codeforces		Codeforces Round #325 (Div. 1)
194	Move by Prime	Categories	Codeforces		IndiaHacks 2016 - Online Edition (Div. 1 + Div. 2)
195	Yet Another Number Sequence	Categories	Codeforces		Codeforces Round #230 (Div. 1) & Codeforces Round #230 (Div. 2)
196	Bitonix' Patrol	Categories	Codeforces		Codeforces Round #134 (Div. 1)
197	Pentagon	Categories	Codeforces		Codeforces Beta Round #48
198	Karen and Cards	Categories	Codeforces		Codeforces Round #419 (Div. 1)
199	Thoroughly Bureaucratic Organization	Categories	Codeforces		Codeforces Round #127 (Div. 1)
200	On Sum of Number of Inversions in Permutations	Categories	Codeforces		Codeforces Round #232 (Div. 1)
201	Transforming Sequence	Categories	Codeforces		AIM Tech Round (Div. 1)
202	The Red Button	Categories	Codeforces		MemSQL start[c]up Round 1
203	Little Elephant and Triangle	Categories	Codeforces		Codeforces Round #136 (Div. 1)
204	Singer House	Categories	Codeforces		Codeforces Round #424 (Div. 1, rated, based on VK Cup Finals)
205	Sereja and Cinema	Categories	Codeforces		Codeforces Round #223 (Div. 1)
206	Bingo!	Categories	Codeforces		MemSQL Start[c]UP 2.0 - Round 2
207	Shake It!	Categories	Codeforces		Codeforces Round #431 (Div. 1)
208	Nephren Runs a Cinema	Categories	Codeforces		Codeforces Round #449 (Div. 1)
209	Toys	Categories	Codeforces		School Team Contest #2 (Winter Computer School 2010/11)
210	Drawing Circles is Fun	Categories	Codeforces		Codeforces Round #219 (Div. 1)
211	Vasily the Bear and Painting Square	Categories	Codeforces		Codeforces Round #195 (Div. 2)
212	Days of Floral Colours	Categories	Codeforces		Codeforces Round #431 (Div. 1)
213	Weak Subsequence	Categories	Codeforces		Codeforces Beta Round #97 (Div. 1)
214	Numbers on the blackboard	Categories	Codeforces		Codeforces Round #443 (Div. 1)
215	Sleeping	Categories	Codeforces		Codeforces Beta Round #86 (Div. 1 Only)