# A² Online Judge

Habib41/2_BUBT

» by **Ahmed Aly**

Sponsored by **Coach Academy** & **ACPC**

Sig

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**You must be logged in to add problems to this category**

## probabilities problems

| | Problem Name | | Online Judge | Year | Contest |
|---|---|---|---|---|---|
| 1 | To the Max | Categories | PKU | | |
| 2 | Probability One | Categories | Live Archive | 2009 | Africa/Middle East - Africa and Arab |
| 3 | Yanu in Movie theatre | Categories | SPOJ | | |
| 4 | What is the Probability ? | Categories | UVA | | |
| 5 | Cows and Cars | Categories | UVA | | |
| 6 | Die Roll | Categories | Codeforces | | Codeforces Beta Round #9 (Div. 2 Only) |
| 7 | Dreamoon and WiFi | Categories | Codeforces | | Codeforces Round #272 (Div. 2) |
| 8 | Counting Extra Stars | Categories | A2 Online Judge | | |
| 9 | Collecting Bugs | Categories | PKU | | |
| 10 | Archer | Categories | Codeforces | | Codeforces Round #185 (Div. 2) |
| 11 | One Person Game | Categories | ZOJ | | |
| 12 | France '98 | Categories | UVA | | |
| 13 | Journey | Categories | Codeforces | | Codeforces Round #428 (Div. 2) |
| 14 | Little Pony and Expected Maximum | Categories | Codeforces | | Codeforces Round #259 (Div. 1) & Codeforces Round #259 (Div. 2) |
| 15 | Dice Throwing | Categories | UVA | | |
| 16 | Football | Categories | PKU | | |
| 17 | Help Me Escape | Categories | ZOJ | | |
| 18 | Check the difficulty of problems | Categories | PKU | | |
| 19 | PalindromicSubstringsDiv1 | Categories | TopCoder | | Unknown () |
| 20 | Ilya and Escalator | Categories | Codeforces | | Codeforces Round #293 (Div. 2) |
| 21 | FixedDiceGameDiv1 | Categories | TopCoder | | SRM 626 - Div1 easy] (15859) |
| 22 | Burger | Categories | UVA | | |
| 23 | Chocolate | Categories | PKU | | |
| 24 | Hats | Categories | UVA | | |
| 25 | PipeCuts | Categories | TopCoder | | SRM 233 - Div1 easy - Div2 medium] (6532) |
| 26 | Another lottery | Categories | UVA | | |
| 27 | BirthdayOdds | Categories | TopCoder | | SRM 174 - Div1 easy - Div2 medium] (4675) |
| 28 | ????? | Categories | PKU | | |
| 29 | Andrey and Problem | Categories | Codeforces | | Codeforces Round #253 (Div. 1) & Codeforces Round #253 (Div. 2) |
| 30 | Scout YYF I | Categories | PKU | | |
| 31 | So you want to be a 2n-aire? | Categories | UVA | | |
| 32 | Wet Shark and Flowers | Categories | Codeforces | | Codeforces Round #341 (Div. 2) |
| 33 | PrimeSoccer | Categories | TopCoder | | SRM 422 - Div1 easy - Div2 medium] (13513) |
| 34 | Coupons | Categories | UVA | | |
| 35 | Boastin' Red Socks | Categories | UVA | | |
| 36 | Patchouli's Spell Cards | Categories | ZOJ | | |
| 37 | Panda's Birthday Present | Categories | PKU | | |
| 38 | MonstersAndBunnies | Categories | TopCoder | | TCO08 Qual 1 - Div1 easy] (12007) |
| 39 | Winning Streak | Categories | UVA | | |
| 40 | Chocolate Box | Categories | UVA | | |
| 41 | Bad Luck Island | Categories | Codeforces | | Codeforces Round #301 (Div. 2) |
| 42 | Expect the Expected | Categories | UVA | | |
| 43 | Probability | Categories | UVA | | |
| 44 | Dumb Bones | Categories | UVA | | |
| 45 | Bag of mice | Categories | Codeforces | | Codeforces Round #105 (Div. 2) |
| 46 | God! Save me | Categories | UVA | | |
| 47 | Race to 1 | Categories | UVA | | |
| 48 | Urn-ball Probabilities! | Categories | UVA | | |
| 49 | Vampires | Categories | UVA | | |
| 50 | TheFansAndMeetingsDivOne | Categories | TopCoder | | SRM 460 - Div1 medium] (14146) |
| 51 | Jerry's Protest | Categories | Codeforces | | 8VC Venture Cup 2016 - Elimination Round |
| 52 | Lights inside a 3d Grid | Categories | UVA | | |
| 53 | RandomSwaps | Categories | TopCoder | | SRM 338 - Div1 medium] (10662) |
| 54 | Joining with Friend | Categories | UVA | | |
| 55 | Basketball Team | Categories | Codeforces | | Codeforces Beta Round #83 (Div. 1 Only) & Codeforces Beta Round #83 (Div. 2 Only) |

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|---|---|---|---|---|
| 56 | CandyBox | Categories | TopCoder | SRM 462 - Div1 medium] (14147) |
| 57 | DrawingLines | Categories | TopCoder | SRM 470 - Div1 medium] (14153) |
| 58 | ChessKnight | Categories | TopCoder | TCCC05 Round 1 - Div1 medium] (6528) |
| 59 | RedIsGood | Categories | TopCoder | SRM 420 - Div1 medium] (13511) |
| 60 | LotteryPyaterochka | Categories | TopCoder | SRM 466 - Div1 medium] (14150) |
| 61 | PerfectMemory | Categories | TopCoder | SRM 513 - Div1 medium] (14538) |
| 62 | ProbabilityTree | Categories | TopCoder | SRM 174 - Div2 hard] (4675) |
| 63 | QuickSort | Categories | TopCoder | SRM 486 - Div1 medium] (14239) |
| 64 | KthProbableElement | Categories | TopCoder | TCO09 Round 1 - Div1 medium] (13759) |
| 65 | CampaignTrail | Categories | TopCoder | TCO09 Round 3 - Div1 medium] (13761) |
| 66 | Jeff and Furik | Categories | Codeforces | Codeforces Round #204 (Div. 1) & Codeforces Round #204 (Div. 2) |
| 67 | RandomSort | Categories | TopCoder | SRM 402 - Div1 easy - Div2 hard] (12174) |
| 68 | Masud Rana | Categories | UVA | |
| 69 | Collision | Categories | TopCoder | SRM 153 - Div1 medium] (4570) |
| 70 | Falling Anvils | Categories | Codeforces | Codeforces Beta Round #69 (Div. 1 Only) & Codeforces Beta Round #69 (Div. 2 Only) |
| 71 | TestBettingStrategy | Categories | TopCoder | SRM 339 - Div1 medium] (10663) |
| 72 | Dragster | Categories | UVA | |
| 73 | Prisoners, Boxes and Pieces of Paper | Categories | UVA | |
| 74 | Wizards and Huge Prize | Categories | Codeforces | Codeforces Round #114 (Div. 1) & Codeforces Round #114 (Div. 2) |
| 75 | Fish | Categories | Codeforces | Codeforces Beta Round #16 (Div. 2 Only) |
| 76 | Join two kingdoms | Categories | UVA | |
| 77 | Magic Trick | Categories | Codeforces | MemSQL Start[c]UP 2.0 - Round 1 |
| 78 | Let's Play Osu! | Categories | Codeforces | Codeforces Round #146 (Div. 1) & Codeforces Round #146 (Div. 2) |
| 79 | ZS and The Birthday Paradox | Categories | Codeforces | Codeforces Round #369 (Div. 2) |
| 80 | Maxim and Restaurant | Categories | Codeforces | Codeforces Round #160 (Div. 1) & Codeforces Round #160 (Div. 2) |
| 81 | Chess Game | Categories | PKU | |
| 82 | Map Generator | Categories | PKU | |
| 83 | Second price auction | Categories | Codeforces | Rockethon 2015 |
| 84 | Lucky Probability | Categories | Codeforces | Codeforces Beta Round #84 (Div. 1 Only) & Codeforces Beta Round #84 (Div. 2 Only) |
| 85 | ETS Problem setting | Categories | UVA | |
| 86 | AlternatingLane | Categories | TopCoder | Member SRM 494 - Div1 medium - Div2 hard] (14423) |
| 87 | Shooting Gallery | Categories | Codeforces | Codeforces Beta Round #30 (Codeforces format) |
| 88 | Game on Tree | Categories | Codeforces | Codeforces Round #172 (Div. 1) & Codeforces Round #172 (Div. 2) |
| 89 | Dark Assembly | Categories | Codeforces | Codeforces Beta Round #81 |
| 90 | Painting The Wall | Categories | Codeforces | Codeforces Round #233 (Div. 1) & Codeforces Round #233 (Div. 2) |
| 91 | Playing War | Categories | UVA | |
| 92 | Kleofáš and the n-thlon | Categories | Codeforces | Codeforces Round #333 (Div. 1) & Codeforces Round #333 (Div. 2) |
| 93 | Square Table | Categories | Codeforces | RCC 2014 Warmup (Div. 2) & RCC 2014 Warmup (Div. 1) |
| 94 | Famil Door and Roads | Categories | Codeforces | Codeforces Round #343 (Div. 2) |
| 95 | Mushroom Gnomes - 2 | Categories | Codeforces | Codeforces Beta Round #99 (Div. 1) & Codeforces Beta Round #99 (Div. 2) |
| 96 | Table Tennis | Categories | UVA | |
| 97 | Name That Tune | Categories | Codeforces | Codeforces Round #284 (Div. 1) & Codeforces Round #284 (Div. 2) |
| 98 | First Digit Law | Categories | Codeforces | Codeforces Beta Round #50 |
| 99 | Playlist | Categories | Codeforces | Codeforces Round #164 (Div. 2) |
| 100 | Little Elephant and Furik and Rubik | Categories | Codeforces | Codeforces Round #129 (Div. 1) & Codeforces Round #129 (Div. 2) |
| 101 | Little Artem and Random Variable | Categories | Codeforces | VK Cup 2016 - Round 2 |
| 102 | Garbage Remembering Exam | Categories | UVA | |
| 103 | Dexterina's Lab | Categories | Codeforces | Bubble Cup 9 - Finals [Online Mirror] |
| 104 | DZY Loves FFT | Categories | Codeforces | Codeforces Round #254 (Div. 1) & Codeforces Round #254 (Div. 2) |
| 105 | Wilbur and Trees | Categories | Codeforces | Codeforces Round #331 (Div. 2) |
| 106 | Game with Strings | Categories | Codeforces | Codeforces Round #275 (Div. 1) & Codeforces Round #275 (Div. 2) |
| 107 | Little Elephant and Broken Sorting | Categories | Codeforces | Codeforces Round #157 (Div. 1) |
| 108 | Petya and Tree | Categories | Codeforces | Yandex.Algorithm 2011 Round 1 |
| 109 | Broken robot | Categories | Codeforces | Codeforces Beta Round #24 |
| 110 | Helping People | Categories | Codeforces | Codeforces Round #282 (Div. 1) & Codeforces Round #282 (Div. 2) |
| 111 | Bombing | Categories | Codeforces | Codeforces Beta Round #47 |
| 112 | SPAM! (or not) | Categories | UVA | |
| 113 | Willem, Chtholly and Seniorious | Categories | Codeforces | Codeforces Round #449 (Div. 1) & Codeforces Round #449 (Div. 2) |
| 114 | Intergalaxy Trips | Categories | Codeforces | Codeforces Round #335 (Div. 1) |
| 115 | Tickets | Categories | Codeforces | Codeforces Beta Round #26 (Codeforces format) |
| 116 | Startup Funding | Categories | Codeforces | Manthan, Codefest 16 |
| 117 | Memory and Casinos | Categories | Codeforces | Codeforces Round #370 (Div. 2) |
| 118 | Expecting Trouble | Categories | Codeforces | Friday the 13th, Programmers Day |
| 119 | Destiny | Categories | Codeforces | Codeforces Round #429 (Div. 1) |
| 120 | Bath Queue | Categories | Codeforces | Codeforces Beta Round #28 (Codeforces format) |
| 121 | Fixing the Bugs | Categories | UVA | |
| 122 | Eyes Closed | Categories | Codeforces | Codeforces Round #448 (Div. 2) |
| 123 | Smart Cheater | Categories | Codeforces | Codeforces Round #107 (Div. 1) & Codeforces Round #107 (Div. 2) |

| | Problem Name | | Online Judge | Year |
|---|---|---|---|---|
| 124 | Castle | Categories | Codeforces | Codeforces Beta Round #79 (Div. 1 Only) |
| 125 | Ghd | Categories | Codeforces | Codeforces Round #213 (Div. 1) |
| 126 | Gifts | Categories | Codeforces | Codeforces Round #142 (Div. 1) |
| 127 | World of Darkraft - 2 | Categories | Codeforces | Codeforces Round #265 (Div. 1) |
| 128 | Inversions problem | Categories | Codeforces | Rockethon 2015 |
| 129 | Inversions After Shuffle | Categories | Codeforces | Codeforces Round #388 (Div. 2) |
| 130 | NestedRandomness | Categories | TopCoder | TCCC05 Qual 5 - Div1 hard] (6527) |
| 131 | Maze | Categories | Codeforces | Codeforces Beta Round #92 (Div. 1 Only) |
| 132 | Ksusha and Square | Categories | Codeforces | Croc Champ 2013 - Round 2 |
| 133 | Plane of Tanks: Duel | Categories | Codeforces | Codeforces Round #115 |
| 134 | Piglet's Birthday | Categories | Codeforces | Codeforces Round #152 (Div. 2) & Codeforces Round #152 (Div. 1) |
| 135 | T-shirt | Categories | Codeforces | Croc Champ 2012 - Final |
| 136 | Half-decay tree | Categories | Codeforces | Codeforces Beta Round #62 |
| 137 | Google Code Jam | Categories | Codeforces | Codeforces Round #170 (Div. 1) |
| 138 | Randomizer | Categories | Codeforces | Codeforces Round #313 (Div. 1) |
| 139 | World of Darkraft | Categories | Codeforces | Codeforces Beta Round #99 (Div. 1) |
| 140 | Birthday | Categories | Codeforces | AIM Tech Round (Div. 1) |
| 141 | Museum | Categories | Codeforces | Codeforces Beta Round #86 (Div. 1 Only) |
| 142 | Gambling Nim | Categories | Codeforces | CROC 2016 - Final Round [Private, For Onsite Finalists Only] |
| 143 | DZY Loves Games | Categories | Codeforces | Codeforces Round #255 (Div. 1) |
| 144 | Help King | Categories | Codeforces | Codeforces Beta Round #78 (Div. 1 Only) & Codeforces Beta Round #78 (Div. 2 Only) |
| 145 | Counting Skyscrapers | Categories | Codeforces | MemSQL start[c]up Round 2 - online version |
| 146 | Rubik's Cube: 0-1 Version | Categories | PKU | |
| 147 | Darts | Categories | Codeforces | Codeforces Beta Round #83 (Div. 1 Only) |
| 148 | Colored Jenga | Categories | Codeforces | Codeforces Round #242 (Div. 2) |
| 149 | Kyoya and Train | Categories | Codeforces | Codeforces Round #309 (Div. 1) |
| 150 | Help Shrek and Donkey | Categories | Codeforces | Codeforces Beta Round #78 (Div. 1 Only) |
| 151 | Bingo! | Categories | Codeforces | MemSQL Start[c]UP 2.0 - Round 2 |
| 152 | Combining Slimes | Categories | Codeforces | Wunder Fund Round 2016 (Div. 1 + Div. 2 combined) |