CODECHEF BETA
A *Directi* Educational Initiative

PRACTICE   **COMPETE**   **DISCUSS** | **COMMUNITY**   **HELP**   **ABOUT**
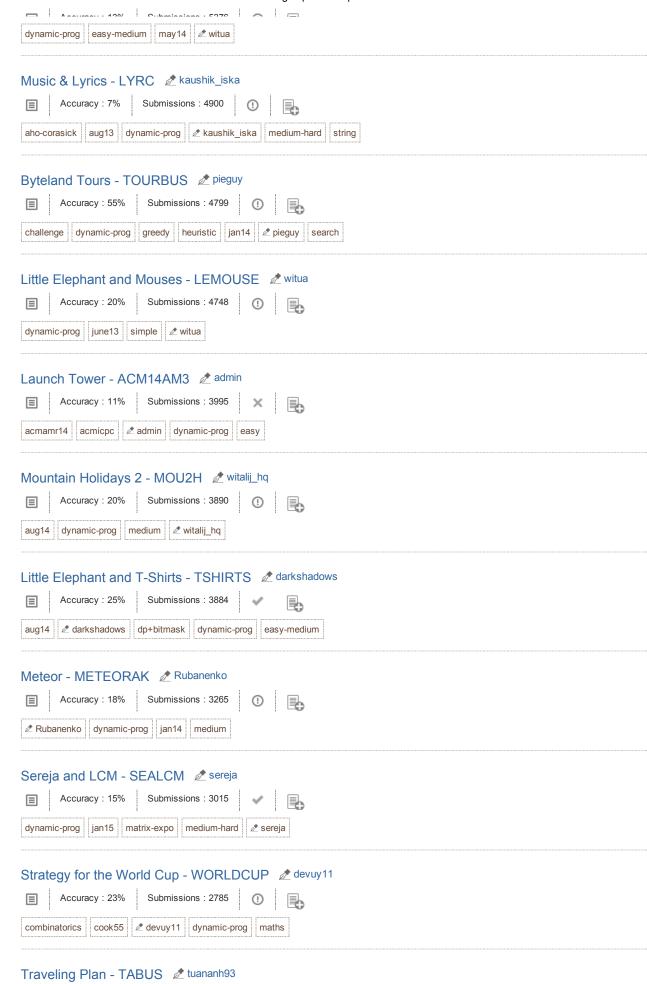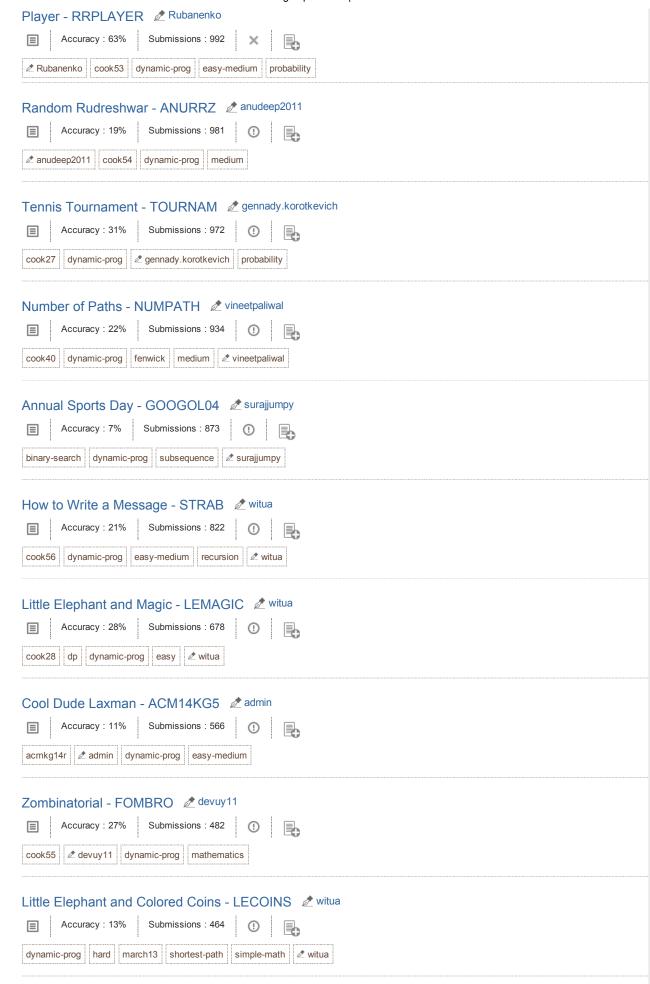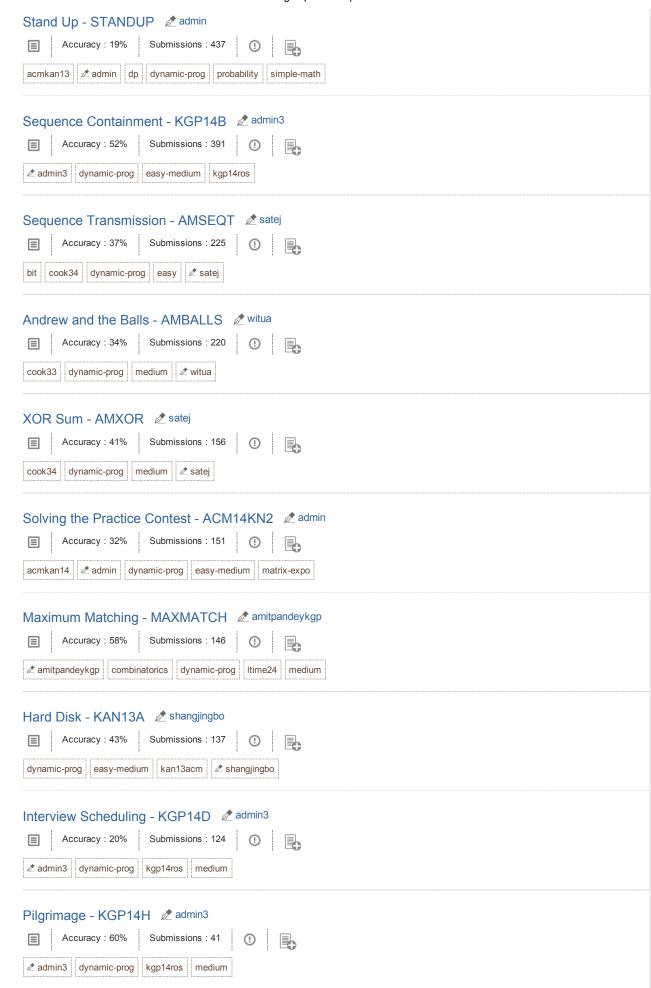
PROBLEMS DIGGED

dynamic-prog

ALL TAGS   SUBMISSIONS   ACCURACY

Count Substrings - STRSUB   ✎ darkshadows

Accuracy : 6% | Submissions : 15272   ✔

binary-search | ✎ darkshadows | dynamic-prog | march15 | simple

Dessert Wizard - DELISH   ✎ viv001

Accuracy : 18% | Submissions : 10131   ⊙

dynamic-prog | june13 | simple | ✎ viv001

W String - WSTRING   ✎ jay_adm

Accuracy : 14% | Submissions : 10042   ⊙

dynamic-prog | easy | ✎ jay_adm | june13

Cards, bags and coins - ANUCBC   ✎ anudeep2011

Accuracy : 11% | Submissions : 6954   ⊙

✎ anudeep2011 | april14 | dynamic-prog | medium

Save The Princess - SHIRO   ✎ vamsi_kavala

Accuracy : 26% | Submissions : 6058   ⊙

aug13 | dp | dynamic-prog | easy | simple-math | ✎ vamsi_kavala

Random decreasing function - RDF   ✎ Rubanenko

Accuracy : 24% | Submissions : 5899   ⊙

✎ Rubanenko | dynamic-prog | easy | expectation | march13

The Number Of Solutions - CNTSOLS   ✎ ballon_ziq

Accuracy : 18% | Submissions : 5805   ⊙

aug13 | ✎ ballon_ziq | dynamic-prog | easy | exponentiation | simple-math

Little Elephant and Balloons - LEBALONS   ✎ witua

dynamic-prog   easy-medium   may14   ✎ witua

Music & Lyrics - LYRC   ✎ kaushik_iska

	Accuracy : 7%	Submissions : 4900		

aho-corasick   aug13   dynamic-prog   ✎ kaushik_iska   medium-hard   string

Byteland Tours - TOURBUS   ✎ pieguy

	Accuracy : 55%	Submissions : 4799		

challenge   dynamic-prog   greedy   heuristic   jan14   ✎ pieguy   search

Little Elephant and Mouses - LEMOUSE   ✎ witua

	Accuracy : 20%	Submissions : 4748		

dynamic-prog   june13   simple   ✎ witua

Launch Tower - ACM14AM3   ✎ admin

	Accuracy : 11%	Submissions : 3995		

acmamr14   acmicpc   ✎ admin   dynamic-prog   easy

Mountain Holidays 2 - MOU2H   ✎ witalij_hq

	Accuracy : 20%	Submissions : 3890		

aug14   dynamic-prog   medium   ✎ witalij_hq

Little Elephant and T-Shirts - TSHIRTS   ✎ darkshadows

	Accuracy : 25%	Submissions : 3884		

aug14   ✎ darkshadows   dp+bitmask   dynamic-prog   easy-medium

Meteor - METEORAK   ✎ Rubanenko

	Accuracy : 18%	Submissions : 3265		

✎ Rubanenko   dynamic-prog   jan14   medium

Sereja and LCM - SEALCM   ✎ sereja

	Accuracy : 15%	Submissions : 3015		

dynamic-prog   jan15   matrix-expo   medium-hard   ✎ sereja

Strategy for the World Cup - WORLDCUP   ✎ devuy11

	Accuracy : 23%	Submissions : 2785		

combinatorics   cook55   ✎ devuy11   dynamic-prog   maths

Traveling Plan - TABUS   ✎ tuananh93

Accuracy : 8%   Submissions : 2272

binarysearch   cook32   dynamic-prog   easy-medium   graph   ✎ tuananh93

Subtraction Game 2 - AMSGAME2   ✎ satej

Accuracy : 24%   Submissions : 2245

cook34   dynamic-prog   ✎ satej   simple

Online Shopping - COUPON   ✎ vamsi_kavala

Accuracy : 15%   Submissions : 2108

dynamic-prog   ltime01   simple   simple-math   ✎ vamsi_kavala

Polynomial Partition Function - PARPOLY   ✎ laycurse

Accuracy : 12%   Submissions : 2031

binomial   dynamic-prog   june12   ✎ laycurse   medium

Knight Moving - KNGHTMOV   ✎ anhdq

Accuracy : 4%   Submissions : 1995

✎ anhdq   dynamic-prog   gauss-elim   number-theory   sep12

Parenthesis with Maximum Sum Subarray - SUBARRAY   ✎ devuy11

Accuracy : 16%   Submissions : 1511

cook55   data-structure   ✎ devuy11   dynamic-prog   medium

Sereja and Game - SEAGM   ✎ sereja

Accuracy : 21%   Submissions : 1317

dynamic-prog   game-theory   may14   medium   ✎ sereja

Lucky Fives - LFIVES   ✎ kostya_by

Accuracy : 14%   Submissions : 1198

cook57   dynamic-prog   fenwick   ✎ kostya_by   medium

Supercomputer - ACM14AM5   ✎ admin

Accuracy : 2%   Submissions : 1061

acmamr14   acmicpc   ✎ admin   dynamic-prog   medium-hard

Cardinality - CARDINAL   ✎ admin

Accuracy : 22%   Submissions : 1017

acmkan13   ✎ admin   dp   dynamic-prog

Player - RRPLAYER ✎ Rubanenko

Accuracy : 63%   Submissions : 992   ✕   ▤

✎ Rubanenko | cook53 | dynamic-prog | easy-medium | probability

Random Rudreshwar - ANURRZ ✎ anudeep2011

Accuracy : 19%   Submissions : 981   ⓘ   ▤

✎ anudeep2011 | cook54 | dynamic-prog | medium

Tennis Tournament - TOURNAM ✎ gennady.korotkevich

Accuracy : 31%   Submissions : 972   ⓘ   ▤

cook27 | dynamic-prog | ✎ gennady.korotkevich | probability

Number of Paths - NUMPATH ✎ vineetpaliwal

Accuracy : 22%   Submissions : 934   ⓘ   ▤

cook40 | dynamic-prog | fenwick | medium | ✎ vineetpaliwal

Annual Sports Day - GOOGOL04 ✎ surajjumpy

Accuracy : 7%   Submissions : 873   ⓘ   ▤

binary-search | dynamic-prog | subsequence | ✎ surajjumpy

How to Write a Message - STRAB ✎ witua

Accuracy : 21%   Submissions : 822   ⓘ   ▤

cook56 | dynamic-prog | easy-medium | recursion | ✎ witua

Little Elephant and Magic - LEMAGIC ✎ witua

Accuracy : 28%   Submissions : 678   ⓘ   ▤

cook28 | dp | dynamic-prog | easy | ✎ witua

Cool Dude Laxman - ACM14KG5 ✎ admin

Accuracy : 11%   Submissions : 566   ⓘ   ▤

acmkg14r | ✎ admin | dynamic-prog | easy-medium

Zombinatorial - FOMBRO ✎ devuy11

Accuracy : 27%   Submissions : 482   ⓘ   ▤

cook55 | ✎ devuy11 | dynamic-prog | mathematics

Little Elephant and Colored Coins - LECOINS ✎ witua

Accuracy : 13%   Submissions : 464   ⓘ   ▤

dynamic-prog | hard | march13 | shortest-path | simple-math | ✎ witua

Stand Up - STANDUP ✎ admin

📄 | Accuracy : 19% | Submissions : 437 | ⓘ | 📄

acmkan13 | ✎ admin | dp | dynamic-prog | probability | simple-math

Sequence Containment - KGP14B ✎ admin3

📄 | Accuracy : 52% | Submissions : 391 | ⓘ | 📄

✎ admin3 | dynamic-prog | easy-medium | kgp14ros

Sequence Transmission - AMSEQT ✎ satej

📄 | Accuracy : 37% | Submissions : 225 | ⓘ | 📄

bit | cook34 | dynamic-prog | easy | ✎ satej

Andrew and the Balls - AMBALLS ✎ witua

📄 | Accuracy : 34% | Submissions : 220 | ⓘ | 📄

cook33 | dynamic-prog | medium | ✎ witua

XOR Sum - AMXOR ✎ satej

📄 | Accuracy : 41% | Submissions : 156 | ⓘ | 📄

cook34 | dynamic-prog | medium | ✎ satej

Solving the Practice Contest - ACM14KN2 ✎ admin

📄 | Accuracy : 32% | Submissions : 151 | ⓘ | 📄

acmkan14 | ✎ admin | dynamic-prog | easy-medium | matrix-expo

Maximum Matching - MAXMATCH ✎ amitpandeykgp

📄 | Accuracy : 58% | Submissions : 146 | ⓘ | 📄

✎ amitpandeykgp | combinatorics | dynamic-prog | ltime24 | medium

Hard Disk - KAN13A ✎ shangjingbo

📄 | Accuracy : 43% | Submissions : 137 | ⓘ | 📄

dynamic-prog | easy-medium | kan13acm | ✎ shangjingbo

Interview Scheduling - KGP14D ✎ admin3

📄 | Accuracy : 20% | Submissions : 124 | ⓘ | 📄

✎ admin3 | dynamic-prog | kgp14ros | medium

Pilgrimage - KGP14H ✎ admin3

📄 | Accuracy : 60% | Submissions : 41 | ⓘ | 📄

✎ admin3 | dynamic-prog | kgp14ros | medium

Multi-Peg Tower of Hanoi - KAN13H 🖉 shangjingbo

Accuracy : 40%   Submissions : 40

dynamic-prog | easy-medium | kan13acm | 🖉 shangjingbo

Snow Leopard and his funny list of videos - SNOWLIST 🖉 prog_iitmandi

Accuracy : 81%   Submissions : 33

dynamic-prog | 🖉 prog_iitmandi

New Buildings - GOOGOL02 🖉 surajjumpy

Accuracy : 24%   Submissions : 33

ad-hoc | dynamic-prog | hashing | 🖉 surajjumpy | two-pointers

Determine the Maximum Sum of Weights - ACM14KP4 🖉 admin

Accuracy : 35%   Submissions : 17

acmkgp14 | 🖉 admin | dynamic-prog | fenwick | medium-hard | segment-tree

Tour Planning - KGP14G 🖉 admin3

Accuracy : 33%   Submissions : 9

🖉 admin3 | dynamic-prog | kgp14ros | medium-hard | shortest-path

MasterChef - MCHEF 🖉 ma5termind

Accuracy : 100%   Submissions : 2

data-structure | dynamic-prog | easy-medium | july15 | 🖉 ma5termind

CodeChef is a non-commercial competitive programming community

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Directi
Intelligent People. Uncommon Ideas.

The time now is: 03:19:34 PM
Your Ip: 61.1.24.53

CodeChef - A Platform for Aspiring Programmers

CodeChef was created as a platform to help programmers make it big in the world of algorithms, **computer programming** and **programming contests**. At CodeChef we work hard to revive the geek in you by hosting a **programming contest** at the start of the month and another smaller programming challenge in the middle of the month. We also aim to have training sessions and discussions related to **algorithms, binary search**, technicalities like **array size** and the likes. Apart from providing a platform for **programming competitions**, CodeChef also has various algorithm tutorials and forum discussions to help those who are new to the world of **computer programming**.

Practice Section - A Place to hone your 'Computer Programming Skills'

Try your hand at one of our many practice problems and submit your solution in a language of your choice. Our **programming contest** judge accepts solutions in over 35+ programming languages. Preparing for coding contests were never this much fun! Receive points, and move up through the CodeChef ranks. Use our practice section to better prepare yourself for the multiple **programming challenges** that take place through-out the month on CodeChef.

Compete - Monthly Programming Contests and Cook-offs

Here is where you can show off your **computer programming** skills. Take part in our 10 day long monthly **coding contest** and the shorter format Cook-off **coding contest**. Put yourself up for recognition and win great prizes. Our **programming contests** have prizes worth up to INR 20,000 (for Indian Community), $700 (for Global Community) and lots more CodeChef goodies up for grabs.

Programming Tools	Practice Problems	Initiatives
Online IDE	Easy	Go for Gold

Upcoming Coding Contests   Medium   CodeChef for Schools

Contest Hosting   Hard   Campus Chapters

Problem Setting   Challenge

CodeChef Tutorials   Peer

CodeChef Wiki   School

                                  FAQ's

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Problem Setting   Challenge