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Home » Practice(medium)

Practice



This is the place to hone your skills.

Try your hand at one of the practice problems, and submit your solution in the language of your choice (our judge accepts solutions in over 35+ languages). Receive points, and move up through the CodeChef ranks. Get better, and better prepare yourself for the competitions

Easy	Medium	Hard	Challenge	Peer	School
Name	Code	Successful Submission	Accuracy		
Place the mines!	AX	3	7.81		
Little Elephant and CNSes	LUCKYCOM	4	20.83		
Trial of Doom	YALOP	5	31.25		
Curry Stained Napkin	F3	5	18.52		
Ciel Numbers III	CIELNUM3	5	10.87		
Icing Crowns	CROWNS	5	29.41		
Swarm of Polygons	SWARM	5	4.9		
Block Drop	BLOCKDRO	5	1.69		
Ciel and Genjiko	CIELGAME	5	29.41		
Happy Days	HAPPY	5	3.7		
Little Elephant and Lucky Segment	LELUCKYN	5	6.84		
Ciel and a new island	CIELLAND	6	26.76		
Spaghetti Monsters	B1	6	13.64		
Dance Floor Energy	ENERGY	6	36.36		
Relevant Phrases of Annihilation	PHRASES	6	2.65		
Restaurant Expansion	RESTEXP	6	33.33		
Paragraph Formatting	H5	6	12.24		
Chefs Bad Day	GRIDCHEF	6	40		
Seeding The Pattern	SEEDS	6	21.21		
Counting Terms	TERM	7	20.75		
The battlefield	D3	7	46.67		
Menu	MENU	7	18.6		
Magic sequence	F5	7	13.04		
Fossil in the Ice	TFOSS	7	4.52		
The Perfect Chocolate Candy	CANDY	7	18.42		
Cutting off Squares	CUTSQRS	7	26.32		
Super Factor Sum	FACTSUM	7	2.63		
Two Chefs	TWOCHEFS	7	14.55		
A Bowling Game	G1	7	25		
SUM12	SNCK05	7	11.29		

RECENT COMMENTS

08:39 PM Aug 12th: n1a3 commented on Array Transform: *can somebody explain me what does this line mean-----> "Choose any su...*

10:14 AM Aug 6th: samkit commented on Marbles: *pp! like me who're getting WA instead of correct run at ur own computer. Try long...*

09:13 PM Aug 5th: shadow_coder commented on Prime Generator: *Can somebody help me? I'm using sieving and I'm even getting the answer on my comp...*

10:21 AM Aug 2nd: sandeepandey commented on Compressed String: *Awesome Problem :)*

04:03 AM Aug 2nd: gbroids commented on Retail Shop: *which combination can give output 220 in first example???*

01:52 PM Jul 31st: ankitprasad commented on Bytelandian gold coins: *Hi can anyone explain what is wrong with this code http://www.codechef.com/viewso...*

11:01 AM Jul 30th: deepai_dutta commented on ChefGame: *Can anyone tell me my mistake?? I am tired of getting WA's but my ans has come cor...*

01:29 AM Jul 29th: sunidhis commented on Multiples of 3: *can anyone plz help me wid my code.. em getting a run time error.. http://www.co...*




06:37 PM Jul 21st: ahmed1ossama13 commented on The Next Palindrome: *what are the constraints for the input?*

07:51 PM Jul 20th: vinayak garg commented on Jam Board: *@arpiit_cpp : A single row contains 5 holes aligned vertically. See the illustratio...*

Next »

Buying Candies	BUYING	7	8.65
Sereja and Ballons	SEABAL	7	39.29
The Baking Business	BAKE	7	10.53
Smart Frog	G2	7	5.1
Dinner Party Socializing	SOCIAL	7	21.62
The Lucky Draw	D2	7	3.28
Bishops	TABISHOP	7	17.5
Game on a Grid	GRIDGAME	7	30.43
Balanced Walks	BALANCED	8	45.83
A Coin Game	G3	8	16.33
Newspaper Puzzle	PUZZLES	8	32
Prime words	C3	8	12.2
Weapons	NI03	8	44.44
Exit code	ECODE	8	4.86
Gap Filler Game	GAPFILL	8	24.24
Odd Binomial Coefficients	ODDBIN	8	40
Peaceful Calculator	ZENCALC	8	31.43
Head office building	BUILDING	8	18.37
Summing Slopes	SUMSLOPE	8	3.81
Best Sums	BESTSUM	8	0.93
Glass Measurement	GLASS	8	18.52
Battleship V	B3	8	14.93
Graph on a Plane	GRAPLANE	8	23.53
The Postal Service	POSTAL	8	20
Wireless Network	NETWORK	8	29.63
Restock	RESTOCK	8	33.33
Lights Off	E2	8	38.1
Lucky Array	LUCKY4	8	53.33
The Cursed Room	MMATCH	8	21.62
First non-Palindrome	NONPALIN	8	25.53
Bytelandian Robots	F2	8	25
Permute Digits	PERMDIG	8	14.04
Integer Sequences	SEQUENCE	9	34.48
Festivals	SUBTREE	9	33.92
Robot Game	TR2	9	27.66
Squares Game	SQUAGAME	9	18.64
Moving between Floors	FLOORSMV	9	41.03
Closest Ranking	VOTING	9	32.35
Little Elephant and Filling	LUCKFILL	9	9.82
Arigeom Beats	ARIGEOM	9	8.09
Game Count	MAXGAME	9	44.83
Rook Placement	AMROOK	9	28.89
Maze of Digits	K3	9	63.27
K-important Strings	N3	9	23.68
Time of collisions	COLLTIME	9	12.64
Blade Master	BMASTER	9	14.62

Cosine Partition Function	PARCOS	10	52.38
Target Practice	TARPRACT	10	14.1
SudokuX	J1	10	17.65
The powerful sum	C2	10	5.53
Hotel Balifornia	HOB	11	16
The Grand Cook Off	COOKOFF2	11	35.9
An interesting subsequence	C5	11	6.87
A New Door	ANDOOR	11	35.19
PDS Number	PDSNUM	11	20.31
Favourite Numbers	FAVNUM	11	24.76
Mean Mean Medians	MEANMEDI	11	22.33
Transfiguring Trees	TRANSFIG	12	21.43
Primary Proposal	PROPOSAL	12	60.87
Ciel and Battle Arena	CIELBTL	12	35.71
Palindrome Palindrome	PALIPALI	13	13.33
Lucky Balance	LUCKY9	13	34.15
Small Airport	NI04	13	31.91
Longest Arithmetic Progressions	ARITHPR	13	17.86
Remys last tour	FALLDOWN	13	30
Counting The Acute Triangles	TAACUTE	13	15.29
Choosing Cook Off Problems	COOKOFF	13	20.59
Quadratic Equations	E4	14	17.07
✔ The Number Of Solutions	GNTSOLS	44	18.18
Soccer League	M3	14	13.19
Across the River	RIVPILE	15	14.37
Rebuilding Byteland	UNFRIEND	15	43.24
Andrew and the Balls	AMBALLS	15	41.86
Fly-overs	FLY	15	22.73
Polynomial Partition Function	PARPOLY	15	23.86
XOR Sum	AMXOR	16	40.98
Bombing	BOMBING	16	12.7
Careful Calculation	CAREFUL	16	39.13
Chef World	CHEFWD	17	15.03
Trees Again	TREES	17	37.25
Selection for Training Camps	TRAINING	17	20
Colorful Chain	COLCHAIN	17	30
Gifts at Olympics	OLYMPIC	17	7.84
Crease Painting	PAINTING	17	25.84
Best Buggy Ratings	TMRATING	17	53.19
Grouping Chefs	GROUPING	18	28.3
Jam Board	JABO	18	23.33
Chess Pushing Game	CHESSGM	18	32.84
The Traveling Photographer	PHOTOS	18	30.95
Party Planning	INVITES	18	26.53
Dividing Products	DIVPRO	18	31.48
Pizza Tossing	PTOSS	18	30.88

New Restaurant	NEWREST	18	25.44
Repeated String	REPSTR	19	18.85
End Of The World 2	CHEFHCK2	19	26.81
Team Formation	TEAMSIZE	19	39.68
Tree Fun	TREEFUN	19	17.39
Machine Gun	MACGUN	19	13.58
K-Unique Sequence	KUNIQUE	20	20.31
Retail Shop	NI05	20	68.97
Little Elephant and Swapping	LUCKYSWP	20	32.39
Andrew and the Birthday	LEFEED	20	36.36
Xor it	XOR	20	8.18
N Knights Problem	KNIGHTS	20	33.96
Parallel Computing	PARALLEL	22	37.08
Just a simple sum	H4	22	6.93
Ripple-Carry Adder	RIPPLE	22	18.98
Lucky Sum	LUCKY3	23	44.59
Sequence Transmission	AMSEQT	23	34.09
Ciel and Eggs	STREGGS	23	24.02
Fetching Cooking Tools	TOOLS	23	28.89
Ciel and Quiz Game	CIELQUIZ	24	19.58
 Cylinder	GYLINDER	24	42.86
The N Queens Puzzle Revisited	J3	25	38.76
Word Play	WPLAY	25	32.34
Codechef Password Recovery	CHEFPASS	25	50
Little Elephant and Median	MEDIAN	26	17.58
 Mountain Holidays	MOU4H	26	49.3
Asmany Number Verification	LEBINARY	26	31.19
Compressed String	TACHEMIS	27	11.59
Kayaks	H2	27	16.06
Birthday Gift	CHEFGIFT	27	26.42
Angry Chef - Crispy Chips	KCHIPS	27	21.08
Just Some Permutations 3	PERMUTE	28	31.54
A Wonderful Chocolate	CBARS	29	45.05
Sum of numbers	NUMSUM	30	2.49
Hotel Balifornia 2	HOB2	30	25.81
Logging Game	LOGGERS	30	41.3
Candy Collecting Game	CANDYGAM	30	28.32
Bonus	ACMIKANPB	31	15.63
Box and Ball System	BBSYSTEM	31	27.17
 June Puzzle for May	JUNONCF	34	48.84
Restore the Recipe	RSRECIPE	31	34.38
Squash the Bugs	B5	31	16.46
Little Elephant and Bubble Sort	LEBOBBLE	33	54.74
Preparing Dishes	PREPARE	34	22.6
Tautology	TAUT	34	35.29
Expected Greatest Common Divisor	EXGCD	34	44.63

Little Elephant and Product	LUCKY8	35	26.32
Lights	LIGHT	35	31.1
Monitoring Madness	MMADNESS	35	7.92
Equation Solver	EQUATIO	36	34.85
Sereja and Data Structures	SEREJA	38	23.75
Andrew and the Strings	AMSTRING	39	31.08
✔ Tree-Counting	TREE	40	44.23
Zeta-Nim Game	TAKEAWAY	44	46.01
Domain Dilemma	DDILEMMA	45	9.62
Collecting Magical Berries	COLLECT	46	31.65
Triangular Queries	TRIQUERY	48	36.6
The Matrix Game	SNCK01	50	29.03
Tywins Tactics	TYTACTIC	51	17.35
Help the soldier	SOLDIER	55	17.77
Pleasing Chief	CHIEFETT	55	21.07
The LCS Problem Revisited	J2	56	24.63
Collect the Chocolate Chips	TKCHOCS	58	32.58
Queries About Numbers	QNUMBER	59	17.78
Divisible Pairs	DIVPAIR	60	20.24
Block Game	BLOCKING	64	37.74
Rotate the String	ROTSTRNG	66	11.23
Magic Board	MBOARD	67	26.16
Squirrel and chestnut	SQUIRREL	70	18.11
Adding Fractions	ADDFRAC	84	14.4
✔ ChefGame	CHEFGAME	86	26.16
The Uncountable Ways	CNTWAYS	88	29.04
Sphere in a tetrahedron	TETRA	104	58.13
A Home for Chef	CHEFHOME	107	33.73
Coal Scam	COALSCAM	114	30.35
The Sports Stadium	STADIUM	115	25.18
Stable Marriage Problem	STABLEMP	127	36.25
Buttons	BUTTONS	131	9.26
Money Matters	MONEY	132	13.07
Multiples of 3	MULTQ3	140	8.4
Prime Permutations	PPERM	163	33.02
The Rise and Fall of Power	MARCHA4	174	5.17
Connecting Soldiers	NOKIA	188	51.53
Play on Words	WORDS1	213	10.34
Pouring water	POUR1	272	17.72
Root of the Problem	TREEROOT	340	65.98
Flipping Coins	FLIPCOIN	449	10.6
Mixtures	MIXTURES	466	27.91
Array Transform	ARRAYTRM	623	25.14
Closing the Tweets	TWTCLOSE	655	48.56
👉 The-Next-Palindrome	PALIN	847	10.37
👉 Marbles	MARPLES	1194	22.56

▼ members	WARRIORS	TITOT	LEADER
✓ Prime-Generator	PRIME4	4586	42.16
✓ Bytelandian-gold-coin	COINS	2808	43.74

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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 Rs.20,000 and \$700! lots more CodeChef goodies up for grabs.

Discuss

Are you new to **computer programming**? Do you need help with algorithms? Then be a part of CodeChef's Forums and interact with all our programmers - they love helping out other programmers and sharing their ideas. Have discussions around **binary search**, **array size**, **branch-and-bound**, **Dijkstra's algorithm**, **Encryption algorithm** and more by visiting the CodeChef Forums and Wiki section.

CodeChef Community

As part of our Educational initiative, we give institutes the opportunity to associate with CodeChef in the form of Campus Chapters. Hosting **online programming competitions** is not the only feature on CodeChef. You can also host a **coding contest** for your institute on CodeChef, organize an **algorithm** event and be a guest author on our blog.

Go For Gold

The Go for Gold Initiative was launched about a year after CodeChef was inceptioned, to help prepare Indian students for the **ACM ICPC** World Finals competition. In the run up to the **ACM ICPC** competition, the Go for Gold initiative uses CodeChef as a platform to train students for the **ACM ICPC** competition via multiple warm up contests. As an added incentive the Go for Gold initiative is also offering over Rs.8 lacs to the Indian team that beats the 29th position at the **ACM ICPC** world finals. Find out more about the Go for Gold and the **ACM ICPC** competition [here](#).