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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		
✓ Deleting numbers	DELNMS	4	25		
Mosaic	GX	5	54.55		
Bytelandian Telecom	BYTELE	5	60		
Park tour	KX	5	31.25		
Cake Production Line	CAKES	5	66.67		
Graphs in Euclidean Space	L2GRAPH	5	50		
The Amazing All-In-One Cooking Machine - Challenge	ALLINONE	5	58.33		
Bubbles	BX	5	40		
Ambidextrous Chefs	AMBIDEX	5	30.77		
Best board fill	CX	5	30.43		
Rotation Puzzle	STORO	6	8.96		
Mushroom Cave	CAVE	6	64.71		
Pack the balls in a box!	DX	6	55		
Table Tilt	TILT	6	30		
The Game of Crosses & Crosses	CROSSES	6	47.06		
Spinning Wheels	SPIN	6	63.64		
The Best Tower	NX	6	13.64		
Place the mines!	MARCHAX	6	53.85		
Delivering Bread	DELIVERY	7	57.14		
Integer Combinations Of Vectors	INTCOMB	7	66.67		
Flood	FLOOD	7	38.1		
The Secret Fellowship of Byteland	BFORG	7	38.71		
Eastern Draughts	CHECKERS	8	76.92		
Bickering Cooks	BICKER	8	67.86		
Sorting device	MX	8	72.73		
The Burning City	BURN CITY	8	68.42		
Complex Spanning Tree	COMPLEXT	8	57.14		
Smart Chef vs Evil Chef	SMVSEVIL	8	48		
The Turing Music Box	TMBOX	9	93.33		
Simultaneous Nim	SIMNIM	9	46.15		

RECENT COMMENTS

06:14 PM Aug 12th: d27v commented on Deleting numbers:
<http://www.codechef.com/viewsolution/2526303> what is problem in this code i m get...

02:41 PM Apr 23rd: aashisht commented on Longest Common Subsequence: *Hi Guys, Either there is a problem with the judge or the time limit is too ...*

10:02 PM Mar 21st: ronny commented on Longest Common Subsequence: *How is the output for case 2 N isn't c common to both or we have to take if leng...*

10:51 AM Mar 4th: syker commented on Sudoku Solver: *Somebody help mei wrote the code for the program..... checked on ideone.....*

05:02 PM Feb 12th: amitupadhyay commented on Efficient Painting: *@admin I am getting internal error :/*

12:01 AM Nov 16th: sapta9433 commented on Longest Common Subsequence: *this programme only have accepted c and c++ solutions , So are there no java, Ruby...*

11:51 PM Oct 24th: spandanpathak commented on Longest Common Subsequence: *WTF is wrong with this questn,my code n acceptd codes have d same damn standard com...*

11:32 PM Oct 23rd: anick_gemini commented on Lights Off, Revisited!: *WTF !!*

07:02 PM Oct 22nd: spandanpathak commented on Lights Off, Revisited!: *WTF is wrong with this questn...evry soln yields WA.even AC soln get WA... plz che...*

01:29 AM Sep 14th: john12334 commented on Pack the balls in a box: *Eames Chair but wanted to update it with a hip hop sensibility. We wonder what Eam...*

Next »

WordNinjas	WORDNINJ	9	80.95
Food Shortage in Byteland	BYTEFOOD	9	57.14
Splitting Giant Subs	SPLIT	10	76.92
Tom And Jerry	TOMJERRY	11	63.64
Block Tower	BLOCKS	12	42.5
Graph Challenge	GRAPHCH	12	62.5
Optimizing Production and Sales	FACTORY	13	47.37
Addition chains	ADDCHAIN	13	17.35
Lights Off, Revisited!	EX	13	34.04
Coloring Colorable Graphs	THREECLR	15	34.92
Large Kitchen	KITCHEN	16	52
Stepping Average	STPAVG	17	59.32
Pricing Tollbooths	TOLLS	17	97.72
Forces in the crystal	HX	21	43.02
A Fence for Byteland	KILOWHAT	22	45.45
The Great Plain	LAND	23	53.76
Killing Gs	CKROACH	25	93.8
✔ Fault Tolerance	FAULT	25	52.82
Closest Points	CLOSEST	26	33.05
Many Left	MANYLEFT	26	78.69
Crystals	FX	27	61.11
✔ Sereja and Sorting	SEASOR	29	53.73
Longest Common Subsequence	TLCS	29	9.15
Similar Graphs	SIMGRAPH	31	80
✔ Efficient Painting	EFFPAINT	34	64.65
Maximum Sub-rectangle in Matrix	MAXRECT	37	32.56
✔ Minesweeper	MINESWPR	47	50.99
Help the DJ	JX	52	44.09
✔ To challenge or not	CHAOORNOT	55	53.02
✔ Password Cracking Challenge	CHALLENGE	58	69.75
Sudoku Solver	NSUDOKU	111	29.72

[CodeChef is a non-commercial competitive programming community](#)

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Directi
Managed People. Uncommon Ideas.

The time now is: 01:33:08 AM

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 incepted, 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](#).