



Choose the Programming Level



Beginner

If you've just started programming, this is a good place to start. By the end of this track, you will be well versed with the fundamentals of programming.

[Enter Easy Track](#)



Intermediate

If you know programming basics, then you must try out this level. This will internalise all your basics and introduce you to some advanced concepts.

[Enter Medium Track](#)



Expert

If you're well versed with programming basics and you understand advanced algorithms and data structures, then this level is for you. This level will introduce you to some advanced computer science concepts.

[Enter Hard Track](#)

Practice Programming Problems (859)






















Search tags:

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54 problem(s) found in Dynamic Programming. [Clear Tags](#)

#	Problem	All (859)	Solved By	Accuracy	Tags
● 43	Number of R's ^H		576	3981/5375	Dynamic Programming, Easy-Medium, Algorithms
● 50	Longest Increasing Path ^H		537	2801/3352	Dynamic Programming, Easy-Medium, Medium,

					Algorithms
● 68	A game for soft-drinks  	439	564/1136		Dynamic Programming, Game Theory, Hard, Recursion, Memoization, Algorithms
● 73	Once upon a time in Time...   	413	1032/1947		Dynamic Programming, Algorithms, Medium
● 81	Roy and Ropes  	389	1392/1689		Easy-Medium, Ad-Hoc, Implementation, Dynamic Programming
● 106	Angles  	307	883/1405		Dynamic Programming, Medium, Algorithms
● 121	Roy and Code Streak   	282	1030/1218		Dynamic Programming, Implementation, Hashing, Medium, Algorithms, Data Structures
● 159	Panda and XOR  	220	843/4074		Ad-Hoc, Easy-Medium, Dynamic Programming, Algorithms
● 183	Final voyage  	190	543/591		Dynamic Programming, Easy, Algorithms
● 196	Roy and Little Mario   	179	461/998		Combinatorics, Ad-Hoc, Dynamic Programming, Medium, Algorithms

● 229	Xsquare And Chocolates Bars   	150	205/635	Dynamic Programming, Easy-Medium, Implementation
● 243	Mehta and the Tricky Trip...  	138	158/1793	Dynamic Programming, Math, Bit manipulation, Medium
● 258	Aaryan and the Magical Nu...   	126	330/2601	Dynamic Programming, Hard, Math
● 265	GCD Game  	124	1681/3263	Math, Dynamic Programming, Medium
● 269	Amazing Test  	121	630/1967	Dynamic Programming, Hard, Algorithms
● 279	Ikshu and his new year ma...   	117	760/907	Sieve, Brute Force, Dynamic Programming
● 286	Pankaj and his in-laws!  	112	334/459	Dynamic Programming, Easy-Medium, Easy, Algorithms
● 310	Mehta And Subarrays   	98	777/1166	Sorting, Dynamic Programming, Binary Search, Hard, Algorithms
● 323	Roy and Coin Boxes   	91	565/684	BIT, Segment Trees, Dynamic Programming, Medium, Fenwick Tree, Data Structures
				Medium-Hard,

● 342	Ikshu's love for binary n... ^H  	80	487/918	Dynamic Programming, Algorithms
● 350	Prime numbers again ^H  	78	183/415	Easy-Medium, Dynamic Programming, Ad-Hoc
● ³⁶⁰	Repair Work ^H 	75	364/506	Dynamic Programming, Math, Hard
● 384	Little Deepu and his Girl... ^H 	65	161/632	Medium, Game Theory, Dynamic Programming, Algorithms
● 388	K-Distribution ^H  	65	740/891	Hard, Combinatorics, Dynamic Programming, Number Theory, Math
● ³⁹⁸	Broken Amit ^H  	62	893/1005	Dynamic Programming, Bitmask, Medium, Algorithms
● 419	Sherlock and Dice ^H  	54	462/1058	Dynamic Programming, Probability, Implementation, Algorithms, Hard
● 430	Big P and The Road Less T... ^H 	50	390/597	Dynamic Programming, Algorithms, Easy-Medium
● 448	Tower of Hanoi ^H 	46	176/203	Easy-Medium, Dynamic Programming, Algorithms

● 450	Sherlock and Coprime Subset   	45	132/235	Dynamic Programming, Bitmask, Medium, Algorithms
● 459	Tree Coloring  	43	108/196	Medium, Combinatorics, Trees, Dynamic Programming, Algorithms
● 467	Roy and Sweets  	42	609/678	Dynamic Programming, Medium, Algorithms
● 473	Mehta And Mathematical Eq...   	41	46/207	Dynamic Programming, Bit manipulation, Hard, Algorithms
● 480	Shil and New Year Gift  	40	120/166	Dynamic Programming, Bitmask, Medium, Algorithms
● 504	Expected Matches   	36	85/175	Dynamic Programming, Expectation, Probability, Ready
● 509	Lottery Tickets  	34	59/228	Medium, Dynamic Programming, Algorithms
● 540	Mehta And The Difficult Task  	30	56/80	Dynamic Programming, Matrix Exponentiation, Math, Hard, Algorithms
● 543	Mehta and the Bank Robbery   	29	284/928	Dynamic Programming, Greedy, Sorting, Hard, Algorithms

● 553	Equivalent Strings ^H	28	71/100	Dynamic Programming, Medium, Math, Easy-Medium
● 565	Class Homework ^H	27	165/338	Ad-Hoc, Medium, Dynamic Programming, Algorithms
● 577	Robots and Energy ^H	25	69/156	Hard, Algorithms, Dynamic Programming, Matrix Exponentiation
● 581	Xenny and Matching Pairs ^H	24	76/148	Dynamic Programming
● 586	Travelling Budget ^H	23	67/232	Dynamic Programming, Easy, Algorithms
● 592	Matrix Dispute ^H	22	32/70	Medium-Hard, Greedy, Sorting, Dynamic Programming, Algorithms
● 599	Sum of Digits ^H	21	1359/2327	Dynamic Programming, Hard, Math, Algorithms
● 607	New Contest ^H	20	183/479	Probability, Math, Dynamic Programming, Combinatorics, Easy, Easy-Medium
● 612	Counting on Tree ^H	20	62/77	Algorithms, Dynamic Programming, Hard

● 619	Xsquare and Increasing Se... H	18	19/61	Dynamic Programming, Greedy, Sorting, Hard, Algorithms
● 639	Mehta's Dilemma H 👁	16	30/261	Dynamic Programming, Matrix Exponentiation, Hard, Math
● 664	Wavy Ranges H 👁 📄	14	39/93	Dynamic Programming, Hard, Ready
● 695	Kira's Special Sequences H 👁	11	63/69	Dynamic Programming, Algorithms, Hard
● 700	Phoebe's Melody H 👁	11	154/182	Dynamic Programming, Medium-Hard, Data Structures
● 703	Building the wall H 👁 📄	10	25/137	Dynamic Programming, Hard, Algorithms
● 730	Little Jhool and Manchest... H 👁 📄	7	88/190	Bitmask, Dynamic Programming, Hard, Algorithms
● 738	Panda's programming tour H 👁 📄	7	27/129	Heavy light decomposition, Disjoint Set, Dynamic Programming, Medium-Hard, Algorithms

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PROBLEMS SUGGESTED FOR YOU

[The Xperiment](#)

Solved by 678

[Queue using Arrays](#)

Solved by 64

[The Power of Factorization](#)

Solved by 20

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RECENT SUBMISSIONS

User	Problem	Result	Lang
Priyans...	Discove...	100	C++
vivek s...	Utkarsh...		Java
Swathi ...	Jim's S...	30.27	C
Priyans...	Discove...	50	Java
Sandeep...	In love...	100	C++
Mayank ...	Terribl...	100	C
nikita ...	Prateek...	100	C++

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TRENDING NOTES

[Graph Theory - Part I](#)

written by Prateek Garg

[Standard Template Library](#)

written by Akash Sharma

[Introduction to Golang](#)

written by Raunak Dugar

[Number Theory - 1](#)

written by Prateek Garg

[Stacks And Queues](#)

written by Akash Sharma

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RECOMMENDED CHALLENGES

[July Easy '15](#)

01 Jul 2015, 09:30 PM IST

[Register](#)[Code Monk \(Graph Theory-I\)](#)

02 Jul 2015, 09:00 PM IST

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03 Jul 2015, 06:00 PM IST

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03 Jul 2015, 09:30 PM IST

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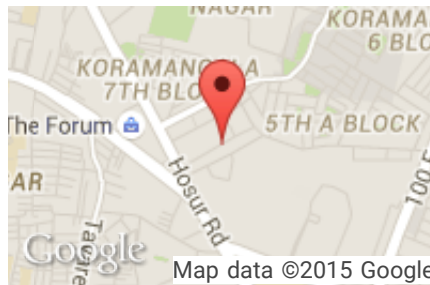
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