1   CheatSheet: 30 Common Code Problems & Follow-ups   Languages

- PDF Link: cheatsheet-followup-A4.pdf, Category: languages

- Blog URL: `https://cheatsheet.dennyzhang.com/cheatsheet-followup-A4`

- Related posts: CheatSheet: System Design For Code Interview, #denny-cheatsheets

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1.1   Code Problems & Follow-ups

Num	Category/Tag	Example
1	#atmostkdistinct	Substring with at most k distinct characters
2	#twosum	TwoSum Problems & Follow-Up
3	#maxsubarraysum	Maximum subarray problem
4	#nextpermutation	Get the next permutation of an array
5	#editdistance	Word Distance & Follow-up
6	#baseconversion	Base Conversion Problems & Follow-Up
7	#presum	Caculate sum of a range quickly
8	#fibonacci	Fibonacci Problems & Follow-Up
9	#island	Island Problems & Follow-up
10	#rangesum	Caculate range sum of a slice
11	#matrixtraversal	Matrix Traversal & Follow-up
12	#reverseitem	Reverse List/String & Follow-up
13	#topk	Top k elements of a problem domain
14	#groupelements	Seperate a list into several groups
15	#treetraversal	Tree Traversal & Follow-up
16	#calculator	Calculator & Follow-up
17	#calendar	Calendar & Follow-up
18	#convertds	Convert Data Structure Problems & Follow-Up
19	#expression	Expression Problems & Follow-Up
20	#frogjump	Frog Jump Game & Follow-up
21	#houserobber	House Robber & Follow-up
22	#ipaddress	IP Address Problems & Follow-Up
23	#paintfence	Paint Fence & Follow-up
24	#poison	Poison Problems & Follow-up
25	#slidingpuzzle	Sliding Puzzle & Follow-up
26	#trappingrain	Trapping Rain & Follow-up
27	#coin	

1.2   Review Problems By Category

Num	Name	Summary
1	#binarytree	Review: Binary Tree Problems
2	#linkedlist	Review: Linked List Problems
3	#binarysearch	Review: Binary Search Problems
4	#dynamicprogramming	Review: Dynamic Programming Problems
5	#twopointer	Review: TwoPointers Problems
6	#trie	Review: Trie Tree Problems
7	#string	Review: String Problems
8	#stack	Review: Stack Problems
9	#bfs	Review: BFS Problems
10	#dfs	Review: DFS Problems
11	#array	Review: Array/SubArray Problems
12	#hashmap	Review: Hashmap Problems
13	#monotone	Review: Monotone Stack Or Monotone Queue Problems
14	#knapsack	Review: Knapsack Problems
15	#heap	Review: Heap Problems
16	#divideconquer	Review: Divide And Conquer Problems
17	#backtracking	Review: Backtracking Problems
18	#unionfind	Review: Union Find Problems
19	#greedy	Review: Greedy Problems
20	#gcd	Review: GCD Problems
21	#interval	Review: Interval Problems
22	#combination	Review: Combinations and Permutations Problems
23	#sql	Review: SQL Problems
24	#sqrt	Review: sqrt Problems

1.3   More Resources

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