

DSA SHEET : DSA Series Sheet

	A	B	C	D	E	F	G	H	
1				Do NOT send any edit request to this sheet. Instead, make a copy of your own.					
2				DSA Series by Shradha Ma'am				Series Link : DSA Series by Shradha Ma'am	
3									
4		Mark as Done		Question	Link	Difficulty	Video SOLUTION	Companies	P
5									
6		<input type="checkbox"/>	1	Majority Element	Problem Link	Easy	Solution Link	Amazon Google	
7		<input type="checkbox"/>	2	Repeat & missing number	Problem Link	Easy	Solution Link	Amazon	
8		<input type="checkbox"/>	3	Merge 2 sorted array without xtra space	Problem Link	Easy	Solution Link	Amdocs Brocade Goldman Sachs Juniper Networks	
9		<input type="checkbox"/>	4	Single Number	Problem Link	Easy	Solution Link		
10		<input type="checkbox"/>	5	Stock Buy & Sell	Problem Link	Easy	Solution Link	Amazon DEShaw Directi Flipkart Goldman Sachs Int	
11									
12		<input type="checkbox"/>	6	Kadane's Algorithm	Problem Link	Medium	Solution Link	Microsoft Facebook	
13		<input type="checkbox"/>	7	Pow xn	Problem Link	Medium	Solution Link		
14		<input type="checkbox"/>	8	Container with most water	Problem Link	Medium	Solution Link	Flipkart Dunzo	
15		<input type="checkbox"/>	9	Sort array of 0s, 1s & 2s	Problem Link	Medium	Solution Link	Microsoft Amazon MakeMyTrip	
16		<input type="checkbox"/>	10	3Sum	Problem Link	Medium	Solution Link	Adobe Amazon Microsoft Morgan Stanley Samsung	
17		<input type="checkbox"/>	11	4Sum	Problem Link	Medium	Solution Link		
18		<input type="checkbox"/>	12	Search a 2D matrix	Problem Link	Medium	Solution Link		
19	ARRAYS	<input type="checkbox"/>	13	Next permutation	Problem Link	Medium	Solution Link	Adobe GoldmanSachs Uber	
20		<input type="checkbox"/>	14	Merge overlapping intervals	Problem Link	Medium		Google	
21		<input type="checkbox"/>	15	Longest substring without repeating	Problem Link	Medium		MorganStanley Amazon	
22		<input type="checkbox"/>	16	Set matrix zeroes	Problem Link	Medium		Microsoft Amazon	
23		<input type="checkbox"/>	17	Word search	Problem Link	Medium		Ola GoldmanSachs Google	
24		<input type="checkbox"/>	18	Product of array except itself	Problem Link	Medium	Solution Link	Amazon DEShaw Intuit MorganStanley Flipkart	
25		<input type="checkbox"/>	19	Subarray sum equals k	Problem Link	Medium			
26		<input type="checkbox"/>	20	Find Duplicate	Problem Link	Medium	Solution Link	Amazon D-E-Shaw Flipkart Paytm Qualcomm Zoho	
27									
28		<input type="checkbox"/>	21	Count Inversions	Problem Link	Medium / Hard		Adobe Amazon BankBazaar Flipkart Microsoft Mynt	
29		<input type="checkbox"/>	22	Trapping Rainwater	Problem Link	Hard	Solution Link	Samsung	
30		<input type="checkbox"/>	23	Sliding window maximum	Problem Link	Hard	Solution Link	Amazon Directi Flipkart Microsoft Google	
31		<input type="checkbox"/>	24	Reverse pairs	Problem Link	Hard			
32		<input type="checkbox"/>	25	Largest rectangle in a histogram	Problem Link	Hard	Solution Link		
33									
34									
35		<input type="checkbox"/>	1	Search in rotated sorted	Problem Link	Medium	Solution Link	Microsoft Google Adobe Amazon D-E-Shaw Flipkart	
36		<input type="checkbox"/>	2	Peak index in mountain array	Problem Link	Medium	Solution Link		
37		<input type="checkbox"/>	3	Single element in sorted array	Problem Link	Medium	Solution Link		
38	BINARY SEARCH	<input type="checkbox"/>	4	Allocate Minimum Pages (Book Allocation)	Problem Link	Medium	Solution Link	Google Infosys Codenation Amazon Microsoft	
39		<input type="checkbox"/>	5	Painter's Partition	Problem Link	Medium	Solution Link		
40		<input type="checkbox"/>	6	Aggressive cows	Problem Link	Medium	Solution Link	Adobe	
41		<input type="checkbox"/>	7	Median of 2 Sorted Arrays	Problem Link	Hard		Amazon Samsung Microsoft Google	
42									
43									
44		<input type="checkbox"/>	1	Valid Palindrome	Problem Link	Easy	Solution Link	Amazon Cisco DEShaw Facebook FactSet MorganS	
45		<input type="checkbox"/>	2	Longest Common Prefix	Problem Link	Easy		Adobe Blinkit Dunzo	
46		<input type="checkbox"/>	3	Valid Anagram	Problem Link	Easy		Google Adobe Flipkart Nagarro Media.net Directi	
47		<input type="checkbox"/>	4	Reverse Words in String	Problem Link	Medium	Solution Link		
48		<input type="checkbox"/>	5	Remove All Occurrences of String	Problem Link	Medium	Solution Link		
49	STRINGS	<input type="checkbox"/>	6	Permutation in String	Problem Link	Medium	Solution Link	Adobe GoldmanSachs Uber	
50		<input type="checkbox"/>	7	String Compression	Problem Link	Medium	Solution Link		
51		<input type="checkbox"/>	8	Group Anagrams	Problem Link	Medium		Samsung Adobe Amazon	
52		<input type="checkbox"/>	9	Minimum Window Substring	Problem Link	Hard		Amazon Google MakeMyTrip Streamoid Technologie	
53		<input type="checkbox"/>	10	Kmp Algorithm	Problem Link	Hard			
54		<input type="checkbox"/>	11	Robin Karp	--concept--	Hard			
55									
56									
57		<input type="checkbox"/>	1	Combination Sum I	Problem Link	Medium	Solution Link		
58		<input type="checkbox"/>	2	Combination Sum II	Problem Link	Medium			
59		<input type="checkbox"/>	3	Palindrome Partitioning	Problem Link	Medium	Solution Link		
60		<input type="checkbox"/>	4	Knights Tour	Problem Link	Medium			
61		<input type="checkbox"/>	5	M Coloring	Problem Link	Medium			
62	RECURSION & BACKTRACKING	<input type="checkbox"/>	6	Rat in a Maze	Problem Link	Medium	Solution Link		
63		<input type="checkbox"/>	7	Subsets II	Problem Link	Medium	Solution Link		
64		<input type="checkbox"/>	8	Merge Sort	Problem Link	Medium			
65		<input type="checkbox"/>	9	N Queens	Problem Link	Hard	Solution Link		
66		<input type="checkbox"/>	10	Sudoku Solver	Problem Link	Hard	Solution Link		
67		<input type="checkbox"/>	11	Count Inversions	Problem Link	Hard			
68									
69									
70		<input type="checkbox"/>	1	Reverse a LL	Problem Link	Easy	Solution Link		
71		<input type="checkbox"/>	2	Middle of LL	Problem Link	Easy	Solution Link		
72		<input type="checkbox"/>	3	Merge 2 Sorted LL	Problem Link	Easy	Solution Link		
73		<input type="checkbox"/>	4	Check if LL Is Palindrome or Not	Problem Link	Easy			
74		<input type="checkbox"/>	5	Detect Cycle in LL	Problem Link	Easy	Solution Link		
75		<input type="checkbox"/>	6	Remove Cycle in LL	Problem Link	Medium	Solution Link		