

## Most asked questions in DSA (Linear)

Day	Topic	Question List	Asked In
1.	Arrays.	Q1. <a href="#">Two Sum</a>	Amazon
		Q2. <a href="#">Best Time to Buy and Sell Stock</a>	Intuit
		Q3. <a href="#">Spiral Matrix</a>	Adobe
		Q4. <a href="#">Convert 1D Array Into 2D Array</a>	McAfee
		Q5. <a href="#">Search a 2D Matrix</a>	Amazon
		Q6. <a href="#">Frog Jump II</a>	Google / Paypal
		Q7. <a href="#">Candy</a>	Amazon

Day	Topics	Question List	Asked In
2.	Searching.	Q1. <a href="#">Search a 2D Matrix II</a>	Uber
		Q2. <a href="#">Find Peak Element</a>	Intel / Amdocs
		Q3. <a href="#">Single Element in a Sorted Array</a>	Flipkart
		Q4. <a href="#">Search a 2D Matrix</a>	Flipkart
		Q5. <a href="#">Smallest Good Base</a>	McAfee
		Q6. <a href="#">Magnetic Force Between Two Balls</a>	Google / Microsoft

Day	Topics	Question List	Asked In
3.	Sorting.	Q1. <a href="#">Power of Heroes</a>	Amazon / Facebook
		Q2. <a href="#">K Closest Points to Origin</a>	Facebook
		Q3. <a href="#">Sort Colors</a>	Uber
		Q4. <a href="#">Wiggle Sort II</a>	Amazon / Uber
		Q5. <a href="#">Count of Smaller Numbers After Self</a>	BMC
		Q6. <a href="#">Reverse Pairs</a>	Intel
		Q7. <a href="#">Count of Smaller Numbers After Self</a>	Uber / SAP

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4.	Recursion, Backtracking.	Q1. <a href="#">Permutations</a>	Google / Meta
		Q2. <a href="#">Combination Sum</a>	Amazon
		Q3. <a href="#">Word Search</a>	Hawlett-Packard
		Q4. <a href="#">Maximize Number of Nice Divisors</a>	Cisco
		Q5. <a href="#">Parsing A Boolean Expression</a>	Salesforce
		Q6. <a href="#">Combination Sum III</a>	Cisco / Adobe
		Q7. <a href="#">Letter Combinations of a Phone Number</a>	Amazon

Day	Topics	Question List	Asked In
5.	2 Pointer, Hashing.	Q1. <a href="#">Container With Most Water</a>	Microsoft
		Q2. <a href="#">Partition Array Into Two Arrays to Minimize Sum Difference</a>	
		Q3. <a href="#">Trapping Rain Water</a>	Microsoft
		Q4. <a href="#">Find Longest Awesome Substring</a>	Paytm / BMC
		Q5. <a href="#">Clone a Binary Tree with Random Pointers</a>	Flipkart / Oracle
		Q6. <a href="#">Triplet Sum in Array (3sum)</a>	BMC / Intuit
		Q7. <a href="#">Common elements in all rows of a given matrix</a>	VMware

Day	Topics	Question List	Asked In
6.	Stack, Queue, and Linklist.	Q1. <a href="#">Valid Parentheses</a>	Microsoft
		Q2. <a href="#">Merge Two Sorted Lists</a>	Salesforce
		Q3. <a href="#">Middle of the Linked List</a>	Oracle
		Q4. <a href="#">Merge k Sorted Lists</a>	Meta
		Q5. <a href="#">Maximum Number of Tasks You Can Assign</a>	
		Q6. <a href="#">Delete the Middle Node of a Linked List</a>	Google / Amazon
		Q7. <a href="#">Reverse Linked List II</a>	Google / Meta
		Q8. <a href="#">LRU Cache</a>	Microsoft / Uber

Day	Topics	Question List	Asked In
7.	Maths, Bit manipulation.	Q1. <a href="#">Minimum Flips to Make a OR b Equal to c</a>	
		Q2. <a href="#">Add Binary</a>	Facebook
		Q3. <a href="#">Count Good Numbers</a>	Flipkart
		Q4. <a href="#">Pow(x, n)</a>	Amazon / Meta
		Q5. <a href="#">Bitwise AND of Numbers Range</a>	SAP
		Q6. <a href="#">Number of 1 Bits</a>	Oracle
		Q7. <a href="#">Max Points on a Line</a>	Google / LinkedIn