

DSA Practice Sheet			
Easy	Ideal Time : 0-30 mins		
Medium	Ideal Time : 30-45 mins		
Hard	Ideal Time : 40-60 mins (based on Qs)	2-3 Questions each Day	
Topics	Question	Companies	Remarks
Arrays	<a href="https://leetcode.com/problems(concatenation-of-array/">https://leetcode.com/problems(concatenation-of-array/</a>	Samsung+ Morgan Stanley+ Snapdeal + EPAM Systems	
Arrays	<a href="https://leetcode.com/problems/shuffle-the-array/">https://leetcode.com/problems/shuffle-the-array/</a>	Amazon	
Arrays	<a href="https://leetcode.com/problems/kids-with-the-greatest-number-o">https://leetcode.com/problems/kids-with-the-greatest-number-o</a>	Amazon	
Arrays	<a href="https://leetcode.com/problems/number-of-good-pairs/">https://leetcode.com/problems/number-of-good-pairs/</a>	Google	
Arrays	<a href="https://leetcode.com/problems/how-many-numbers-are-smaller-than-the-current-number/">https://leetcode.com/problems/how-many-numbers-are-smaller-than-the-current-number/</a>		
Arrays	<a href="#">Maximum and Minimum Element in an Array</a>	ABCO Accolite Amazon Cisco Hike Microsoft Snapdeal VMWare Google Adobe	
Arrays	<a href="#">Reverse the Array</a>	Infosys Moonfrog Labs	
Arrays	<a href="#">Contains Duplicate</a>	Amazon Interview Qs	
Arrays	<a href="https://practice.geeksforgeeks.org/problems/row-with-max-1s0">https://practice.geeksforgeeks.org/problems/row-with-max-1s0</a>	ABCO Accolite Amazon Cisco Hike Microsoft Snapdeal VM Try to see the pattern of 0 and 1's	
Arrays	<a href="https://leetcode.com/problems/build-array-from-permutation/">https://leetcode.com/problems/build-array-from-permutation/</a>	Walmart	
Arrays	<a href="https://leetcode.com/problems/add-to-array-form-of-integer/">https://leetcode.com/problems/add-to-array-form-of-integer/</a>	Swiggy	
Arrays	<a href="https://www.codingninjas.com/codestudio/problems/count-inversions_615">https://www.codingninjas.com/codestudio/problems/count-inversions_615</a>		
2D Arrays	<a href="https://leetcode.com/problems/transpose-matrix/">https://leetcode.com/problems/transpose-matrix/</a>	Ola + Amdocs IQ	
Arrays	<a href="https://leetcode.com/problems/find-the-duplicate-number/">https://leetcode.com/problems/find-the-duplicate-number/</a>		Logical Question Hint- Numbers are from 1-n
Arrays	<a href="https://leetcode.com/problems/merge-sorted-array/">https://leetcode.com/problems/merge-sorted-array/</a>	Lot of companies	Pointers
Arrays	<a href="#">Maximum-Subarray</a>	Microsoft + Facebook Interview Qs	<a href="#">Kadanes Algorithm</a>
Arrays	<a href="#">Chocolate Distribution Problem</a>	Amazon Interview Qs	Binary Search
Arrays	<a href="#">Search in Rotated Sorted Array</a>	Microsoft Google Adobe Amazon D-E-Shaw Flipkart	Binary Search
Arrays	<a href="#">Best time to Buy and Sell Stock</a>	Amazon D-E-Shaw Directi Flipkart Goldman Sachs Intuit MakeMyTrip Microsoft Ola Cabs Oracle Paytm Pubmatic Quikr Salesforce Sapient Swiggy Walmart Media.net Google	
Arrays	<a href="#">Repeat and Missing Number Array</a>	Amazon Interview Qs	
Strings	<a href="https://leetcode.com/problems/reverse-words-in-a-string/">https://leetcode.com/problems/reverse-words-in-a-string/</a>		
Strings	<a href="https://leetcode.com/problems/check-if-the-sentence-is-pangram">https://leetcode.com/problems/check-if-the-sentence-is-pangram</a>		
Strings	<a href="https://leetcode.com/problems/maximum-number-of-words-found-in-sentences/">https://leetcode.com/problems/maximum-number-of-words-found-in-sentences/</a>		
Strings	<a href="#">Valid Palindrome</a>	Amazon Cisco D-E-Shaw Facebook FactSet Morgan Stanley Paytm Zoho	
Strings	<a href="https://leetcode.com/problems/count-the-number-of-consistent-strings/">https://leetcode.com/problems/count-the-number-of-consistent-strings/</a>		
Strings	<a href="#">Remove Consecutive Characters</a>	Samsung + Adobe	
Strings	<a href="#">Longest Common Prefix</a>	Adobe + Grofers + Dunzo Interview Qs	
Strings	<a href="#">Convert a Sentence into its Equivalent Mobile Num</a>	Adobe	
Strings	<a href="#">Print all the Duplicates in the Input String</a>	Ola + Amdocs IQ	
Strings	<a href="#">Valid parentheses</a>	Google Interview Qs	<a href="#">use Stacks (if possible)</a>
Strings	<a href="#">Valid Anagram</a>	Nagarro Media.net Directi Google Adobe Flipkart	Strings and Maps
Searching & Sorting	<a href="#">Permute Two Arrays such that Sum of Every Pair is</a>	Samsung	
Searching & Sorting	<a href="#">counting sort</a>	Samsung+ Morgan Stanley+ Snapdeal + EPAM Systems	
Searching & Sorting	<a href="#">find common elements three sorted arrays</a>	MAQ Software Microsoft VMWare	
Searching & Sorting	<a href="#">Searching in an array where adjacent differ by at most 1</a>	TCS Amazon	
Searching & Sorting	<a href="#">ceiling in a sorted array</a>	TCS	
Searching & Sorting	<a href="#">Pair with given difference</a>	Amazon Visa	
Searching & Sorting	<a href="#">Print Subarrays with 0 Sum</a>	Paytm Adobe	<a href="#">Use Addition Logic</a>
Binary Search	<a href="https://leetcode.com/problems/binary-search/">https://leetcode.com/problems/binary-search/</a>	Lot of companies	



