

DSA SUPREME QUESTIONS WEEK WISE

WEEK 3 ARRAYS & VECTORS

Q	QUESTION	T.C	LINK
1	Sort Colors(Leetcode Q75)		https://leetcode.com/problems/sort-colors/
2	Move All Negative Numbers to Left of Array		https://github.com/rohillaanishant/DSA-Cpp/blob/master/ArrayQues/MoveNegativeToLeft.cpp
3	Find Duplicate Number (LeetCode Q287)		https://leetcode.com/problems/find-the-duplicate-number/
4	Missing Elements from an array With Duplicates		https://github.com/rohillaanishant/DSA-Cpp/blob/master/ArrayQues/FindMissing.cpp
5	First Repeating Element		https://github.com/rohillaanishant/DSA-Cpp/blob/master/ArrayQues/FstRptElmnt.cpp
6	Common Elements in 3 Sorted Array		https://practice.geeksforgeeks.org/problems/common-elements1132/1?utm_source=gfg&utm_medium=article&utm_campaign=bottom_sticky
7	Wave Print A Matrix		https://github.com/rohillaanishant/DSA-Cpp/blob/master/2DArray/WavePrintMatrix.cpp
8	Spiral Print A Matrix		https://github.com/rohillaanishant/DSA-Cpp/blob/master/2DArray/SpiralOrder.cpp
9	Factorial of a Large Number		

WEEK 4 SEARCHING & SORTING

1	Linear Search		https://github.com/rohillaanishant/DSA-Cpp/blob/master/Searching.cpp
2	Binary Search		https://github.com/rohillaanishant/DSA-Cpp/blob/master/BinarySearch/BinarySearch.cpp
3	First & Last Occurrence (LeetCode Q34)		https://leetcode.com/problems/find-first-and-last-position-of-element-in-sorted-array/
4	Peak Index in Mountain Array (LeetCode Q852)		https://leetcode.com/problems/peak-index-in-a-mountain-array/
5	Find Missing Element in range 1 to n		
6	Find Pivot Element		
7	Search in Rotated & Sorted Array(LeetCode Q33)		https://leetcode.com/problems/search-in-rotated-sorted-array/
8	Square Root using Binary Search		https://github.com/rohillaanishant/DSA-Cpp/blob/master/BinarySearch/SquareRoot.cpp
9	Binary Search in 2d Matrix		https://github.com/rohillaanishant/DSA-Cpp/blob/master/BinarySearch/BinarySearchMatrix.cpp
10	Search in Nearly/Almost Sorted Array		https://github.com/rohillaanishant/DSA-Cpp/blob/master/BinarySearch/SearchNearlySortedArray.cpp
11	Divide using binary search		https://github.com/rohillaanishant/DSA-Cpp/blob/master/BinarySearch/Divide.cpp
12	Find element with odd occurrence		https://github.com/rohillaanishant/DSA-Cpp/blob/master/BinarySearch/OddOccurrence.cpp
13	Selection Sort		https://github.com/rohillaanishant/DSA-Cpp/blob/master/SelectionSort.cpp
14	Bubble Sort		https://github.com/rohillaanishant/DSA-Cpp/blob/master/BubbleSort.cpp
15	Insertion Sort		https://github.com/rohillaanishant/DSA-Cpp/blob/master/InsertionSort.cpp
1	K-diff Pairs in an Array (LeetCode Q532)		https://leetcode.com/problems/k-diff-pairs-in-an-array/
2	Find K Closest Elements (LeetCode Q658)		https://leetcode.com/problems/find-k-closest-elements/
3	Exponential Search		https://github.com/rohillaanishant/DSA-Cpp/blob/master/BinarySearch/ExponentialSearch.cpp
4	Book Allocation Problem		https://practice.geeksforgeeks.org/problems/allocate-minimum-number-of-pages0937/1?utm_source=gfg&utm_medium=article&utm_campaign=bottom_sticky
5	Painter Partition Problem		https://practice.geeksforgeeks.org/problems/the-painters-partition-problem1535/1
6	Aggressive Cows		https://practice.geeksforgeeks.org/problems/aggressive-cows/1
7	EKO SPOJ		https://www.spoj.com/problems/EKO/
			https://github.com/rohillaanishant/DSA-Cpp/blob/master/BinarySearch/EkoSpoj.cpp
8	PRATA SPOJ		https://www.spoj.com/problems/PRATA/
			https://github.com/rohillaanishant/DSA-Cpp/blob/master/BinarySearch/PrataSpoj.cpp

WEEK 5 CHAR ARRAYS & STRINGS

1	Length of a Char Array		https://github.com/rohillaanishant/DSA-Cpp/blob/master/CharArrays/LengthCharArray.cpp
2	Getline USE		https://github.com/rohillaanishant/DSA-Cpp/blob/master/CharArrays/getline.cpp
3	Reverse of a Char Array		https://github.com/rohillaanishant/DSA-Cpp/blob/master/CharArrays/Reverse.cpp

4	Replace all spaces by @	https://github.com/rohillanishant/DSA-Cpp/blob/master/CharArrays/Replace.cpp
5	Palindrome	https://github.com/rohillanishant/DSA-Cpp/blob/master/CharArrays/Palindrome.cpp
6	UpperCase to LowerCase	https://github.com/rohillanishant/DSA-Cpp/blob/master/CharArrays/UpperToLowerCase.cpp
7	LowerCase to Uppercase	https://github.com/rohillanishant/DSA-Cpp/blob/master/CharArrays/LowerToUpperCase.cpp
8	String Basic Functions	https://github.com/rohillanishant/DSA-Cpp/blob/master/String/Functions.cpp
9	Remove All Adjacent Duplicates In String (1047)	https://leetcode.com/problems/remove-all-adjacent-duplicates-in-string/description/
10	Remove All Occurrences of a substring (1910)	https://leetcode.com/problems/remove-all-adjacent-duplicates-in-string/description/
11	Valid palindrome II (680)	https://leetcode.com/problems/valid-palindrome-ii/
12	Minimum Time Difference (539)	https://leetcode.com/problems/minimum-time-difference/
13	Palindromic Substring (647)	https://leetcode.com/problems/palindromic-substrings/

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