



Association of Computer Machinery in collaboration with CUIC

presents

C.O.D.E

WEEK 1(A) – ARRAYS

HackerRank Contest on Arrays – 15/06/2025 (Sun)

Source:

<https://www.youtube.com/playlist?list=PLgUwDviBIf0rENwdL0nEH0uGom9no0nyB>
https://www.youtube.com/playlist?list=PLgUwDviBIf0q7vrFA_HEWcqRqMpCXzYAL
<https://www.youtube.com/watch?v=AHZpyENo7k4&pp=ygUSa2FkYW5lJ3MgYWxnb3JpdGht>
https://www.youtube.com/playlist?list=PLot-Xpze53leOBgcVsJBEGrHPd_7x_koV
<https://www.youtube.com/watch?v=lexN60k62jo&t=2s&pp=ygUPbWVyZ2UgaW50ZXJ2YWxzOgcJCbIJAYcqIYzv>
<https://www.youtube.com/watch?v=yuws7YK0Yng&pp=ygUUcHJlZml4IHN1bSBhbGdvcml0aG0%3D>

Easy:

<https://www.geeksforgeeks.org/maximum-and-minimum-in-an-array/>
<https://www.geeksforgeeks.org/write-a-program-to-reverse-an-array-or-string/>
<https://leetcode.com/problems/contains-duplicate/>
<https://leetcode.com/problems/two-sum>
<https://leetcode.com/problems/move-zeroes>
<https://leetcode.com/problems/missing-number>
<https://practice.geeksforgeeks.org/problems/check-if-array-is-sorted-and-rotated2706/1>
<https://leetcode.com/problems/majority-element> <https://leetcode.com/problems/remove-duplicates-from-sorted-array>
<https://www.geeksforgeeks.org/chocolate-distribution-problem>
<https://leetcode.com/problems/max-consecutive-ones/description>
<https://leetcode.com/problems/find-pivot-index/description/>
<https://leetcode.com/problems/maximum-average-subarray-i/description/>
<https://leetcode.com/problems/toeplitz-matrix/description/>
<https://leetcode.com/problems/longest-subarray-of-1s-after-deleting-one-element/description/>

Medium:

<https://leetcode.com/problems/matrix-block-sum/description/>
<https://leetcode.com/problems/find-all-numbers-disappeared-in-an-array/description/>
<https://leetcode.com/problems/3sum>

<https://leetcode.com/problems/kth-largest-element-in-an-array>
<https://leetcode.com/problems/sort-colors/description/>
<https://leetcode.com/problems/search-in-rotated-sorted-array>
<https://www.geeksforgeeks.org/counting-inversions/>
<https://leetcode.com/problems/product-of-array-except-self>
<https://leetcode.com/problems/longest-consecutive-sequence>
<https://leetcode.com/problems/find-peak-element>
<https://practice.geeksforgeeks.org/problems/minimum-swaps/1>
<https://leetcode.com/problems/median-of-two-sorted-arrays>
<https://leetcode.com/problems/search-in-rotated-sorted-array/>
<https://leetcode.com/problems/best-time-to-buy-and-sell-stock/>
<https://www.interviewbit.com/problems/repeat-and-missing-number-array/>
<https://leetcode.com/problems/maximum-product-subarray/>
<https://leetcode.com/problems/container-with-most-water/>
<https://www.geeksforgeeks.org/given-a-sorted-and-rotated-array-find-if-there-is-a-pair-with-a-given-sum/?ref=lbp>
<https://leetcode.com/problems/132-pattern/description/>
<https://leetcode.com/problems/set-matrix-zeroes/>
<https://leetcode.com/problems/spiral-matrix/description/>
<https://leetcode.com/problems/majority-element/description/>
<https://leetcode.com/problems/subarray-sum-equals-k/description/> (solve 4-5 similar problems)
<https://leetcode.com/problems/maximum-subarray-sum-with-one-deletion/description/>
<https://leetcode.com/problems/gas-station/description/>
<https://leetcode.com/problems/pancake-sorting/description/>

Hard:

<https://leetcode.com/problems/merge-intervals>
<https://leetcode.com/problems/smallest-range-covering-elements-from-k-lists>
<https://leetcode.com/problems/k-concatenation-maximum-sum>
<https://leetcode.com/problems/reverse-pairs>
<https://leetcode.com/problems/count-of-smaller-numbers-after-self>
<https://leetcode.com/problems/trapping-rain-water/>
<https://www.geeksforgeeks.org/longest-subarray-sum-divisible-k/>
<https://www.geeksforgeeks.org/problems/interesting-queries4742/1>
<https://leetcode.com/problems/max-consecutive-ones-iii/description/>
<https://leetcode.com/problems/maximum-sum-of-3-non-overlapping-subarrays/description/>