

● Basic Array Questions

1. Find the sum of all elements in an array.
 2. Find the maximum and minimum elements in an array.
 3. Reverse an array without using built-in methods.
 4. Count the number of even and odd numbers in an array.
 5. Check if a given element exists in the array.
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● Intermediate Array Questions

6. Remove duplicates from an array.
 7. Find the second largest element in the array.
 8. Rotate the array to the right by k positions.
 9. Find the common elements in two arrays.
 10. Find the missing number in an array of n consecutive numbers.
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● Advanced Array Questions

11. Find all pairs in the array that sum up to a target value.
12. Kadane's Algorithm – Find the maximum sum subarray.
13. Merge two sorted arrays without using extra space.
14. Find the duplicate number in an array with n+1 integers.
15. Trapping Rain Water Problem – Calculate total trapped water between bars.