**ARRAY**

<https://www.w3resource.com/cpp-exercises/array/index.php>

1. Write a C++ program to find the largest element of a given array of integers.
2. Write a C++ program to find the largest three elements in an array.
3. Write a C++ program to find second largest element in a given array of integers.
4. Write a C++ program to find k largest elements in a given array of integers.
5. Write a C++ program to find the second smallest elements in a given array of integers.
6. Write a C++ program to find all elements in array of integers which have at-least two greater elements
7. Write a C++ program to find the most occurring element in an array of integers
8. Write a C++ program to find the next greater element of every element of a given array of integers. Ignore those elements which have no greater element.
9. Write a C++ program to find the smallest element missing in a sorted array
10. Write a C++ program to update every array element by multiplication of next and previous values of a given array of integers
11. Write a C++ program to separate even and odd numbers of an array of integers. Put all even numbers first, and then odd numbers.
12. Write a C++ program to separate 0s and 1s from a given array of values 0 and 1.
13. Write a C++ program to rearrange a given sorted array of positive integers . Note: In final array, first element should be maximum value, second minimum value, third second maximum value , fourth second minimum value, fifth third maximum and so on.
14. Write a C++ program to sort a given array of 0s, 1s and 2s. In the final array put all 0s first, then all 1s and all 2s in last.
15. Write a C++ program to sort (in descending order) an array of distinct elements according to absolute difference of array elements and with a given value
16. Write a C++ program to move all negative elements of an array of integers to the end of the array without changing the order of positive element and negative element.
17. Write a C++ program to find a number which occurs odd number of times of a given array of positive integers. In the said array all numbers occur even number of times
18. Write a C++ program to count the number of occurrences of given number in a sorted array of integers.
19. Write a C++ program to find the two repeating elements in a given array of integers
20. Write a C++ program to find the missing element from two given arrays of integers except one element.
21. Write a C++ program to find the element that appears once in an array of integers and every other element appears twice.
22. Write a C++ program to find the first repeating element in an array of integers.
23. Write a C++ program to find and print all common elements in three sorted arrays of integers.
24. Write a C++ program to find and print all unique elements of a given array of integers
25. Write a C++ program to find the number of pairs of integers in a given array of integers whose sum is equal to a specified number
26. Write a C++ program to arrange the numbers of a given array in a way that the sum of some numbers equal the largest number in the array
27. Write a C++ program to find the second lowest and highest numbers in a given array