Arrays Questions

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LEVEL 1: Easy

1. Create an array
   Take size of array as input from user, create integer array by taking inputs from user and then print the array using for each loop.

2. Sum of all values
   Print the sum of all values in an integer array.

3. Double the values
   Take an integer array as input from user and double all the values and print the new array

4. Maximum number
   Write a program to find the largest element in a given array.

5. Minimum non-negative number
   Write a program to find the smallest non negative element in a given array. If all elements are negative print 0.

6. Check if number exists in an array.
   Given an integer array, input value x from user and check if x exists in array or not. Print Boolean true or false as result.

7. Count even and odd numbers
   Write a program to calculate number of odd and even numbers in integer array.

8. Copy elements of one array to other.
   Create one array of size 5 and create a new array and copy elements from existing array to this new array.

9. Rotate an array to right
   Rotate an array by one position to the right.

10. Check if array is sorted
    Write a program to check if a given array is sorted in ascending order.

11. Reverse the array
    Write a program to reverse a given array.