Problem 01:

Write a C++ program that takes n numbers of inputs and gets their sum and average (Use arrays).

Example:

The number of elements is: 6

The elements are

{4, 0, 2, 6, 8, 10}

Their sum is 30

Their average is 5

Problem 02:

Write a C++ program that takes n numbers of inputs and gets the smallest and Largest values (Use arrays).

Example:

The number of elements is: 6

The elements are

{4, 0, 2, 6, 8, 10}

The largest value is 10

The smallest value is 0

Problem 03:

Write a C++ program to separate even and odd numbers of an array of integers. Put all even numbers first, and then odd numbers.

Example:

The number of elements in the array is: 6

The numbers are:

{1, 2, 4, 5, 9, 8}

The new array becomes:

{2, 4, 8, 1, 5, 9}

Problem 04:

Write a C++ program to calculate how many times number with value x has been repeated in the array.

Example:

The number of elements in the array is: 10

The number x is: 5

The numbers are:

{1, 5, 4, 5, 9, 8, 5, 7, 6, 5}

Number 5 got repeated 4 times.