# **SORT FREQUENCY OF INTEGER GRADO 11**

### **Sort Frequency of Integers**

Code a program that reads a unidimensional array of integers and prints in descending order the frequency of the integers in the array.

**Input**: A sequence of integer numbers where the first one is a positive integer that represents the amount of numbers in the rest of the line.

#### Output:

The frequencies of the input numbers sorted in descending order.

## Input

9 4 80 80 30 4 4 80 4 4

# **Output**

531

## Example

#### Input:

45555

#### **Output:**

4

Note that the first number in the input, 9, indicates the size of the array. Also, note that 80 appears 3 times; 30, once; and 4, five times.