## Problem. Count of Occurrences

Write a program that finds in given array of integers **how many times each of them occurs**. The input sequence holds numbers in range [0…1000]. The output should hold all numbers that occur at least once along with their number of occurrences.

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| **Input** | **Output** |
| 3 4 4 2 3 3 4 3 2 | 2 -> 2 times  3 -> 4 times  4 -> 3 times |
| 1000 | 1000 -> 1 times |
| 0 0 0 | 0 -> 3 times |
| 7 6 5 5 6 | 5 -> 2 times  6 -> 2 times  7 -> 1 times |