Course Number	*CSci 120*
Descriptive Title	*Object-oriented Programming*
Programming Language	*Java*

Problem Number	*5*
Activity Title	*Number Counter*

Procedure Proper:

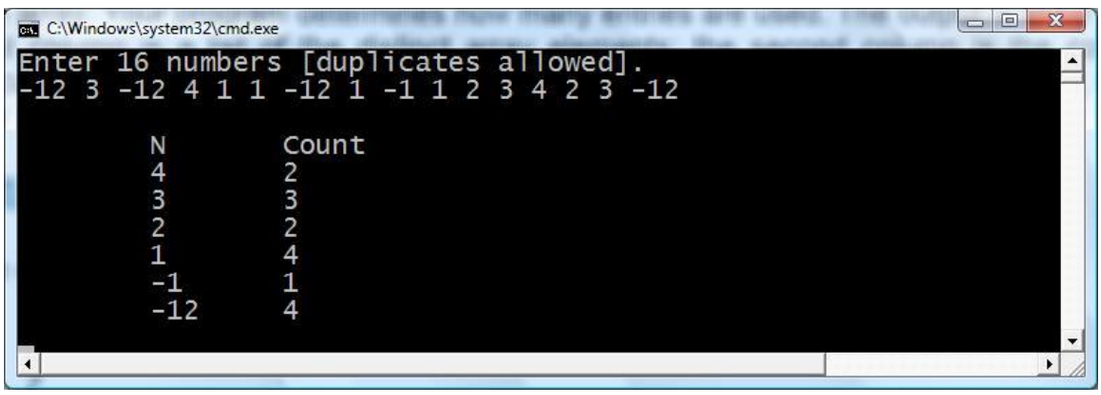
1. Write a program that reads in an array of type int. You may assume that there are 16 entries in the array. Your program determines how many entries are used. The output is to be a two-column list. The first column is a list of the distinct array elements; the second column is the count of the number of occurrences of each element. The list should be sorted on entries in the first column, largest to smallest.

Note:

- ✓ Variables are preferred to be of type `int` for ease and convenience.
- ✓ You might need to create some helper functions to at least easily solve the problem.

Runtime Requirement(s):

1. If the inputted values are -12, 3, -12, 4, 1, 1, -12, 1, -1, 1, 2, 3, 4, 2, 3, -12;



2. If the inputted values are -10, 45, 4, 6, 7, 8, -10, 45, 7, 8, 9, 10, 13, 1, 3, 4;