

Problem F. Figures

The input to the program is a sequence of numbers from 1 to 9, ending in zero.
In total, no more than 100,000 numbers will be entered.
Count in this sequence the number of ones, the number of twos, the number of threes, etc. and issue the result.
The output should always contain 9 numbers.

Examples of
input data

1 1 4 1 5 8 6 3 5 1 0

output

4 0 1 1 2 1 0 1 0

hw

```
void countMultiples(int x[], int length) {  
    int counterArray[9] = {};  
    for (int i = 0; i < length; i++) {  
        counterArray[x[i]- 1]++;  
    }  
    printArray(counterArray, 9);  
}
```



beginner 3-12 month
middle 1y-7,8y
advanced (using maths)