Task Manager   X42792_en

Input

The input will consist of two lines The first line contains the names of the problems The second line contains integers with the time needed to evaluate the problem. Each number corresponds to a unique problem.
> Both lines must have the same size

Output

The output should be a list of problems sorted by priority with the time they had to wait and the total time waited.
> NOTE: in case two problems have the same priority, sort in the order they were read from input.

Sample input 1

```
Task1 Task2
3 2
```

Sample output 1

```
Task2 wait time: 2
Task1 wait time: 5
Total time waited: 7
```

Sample input 2

```
Prob1 Prob2 Prob3 Prob4
3 1 1 2
```

Sample output 2

```
Prob2 wait time: 1
Prob3 wait time: 2
Prob4 wait time: 4
Prob1 wait time: 7
Total time waited: 14
```

Sample input 3

```
A B C D E F G H I J K L
9 2 5 3 1 1 4 10 3 5 4 3
```

Sample output 3

```
E wait time: 1
F wait time: 2
B wait time: 4
D wait time: 7
I wait time: 10
L wait time: 13
G wait time: 17
K wait time: 21
C wait time: 26
J wait time: 31
A wait time: 40
H wait time: 50
Total time waited: 222
```

Problem information

Author: HP CodeWars

Generation: 2026-01-25T16:05:44.566Z