C++ Fundamentals Exam

The following tasks should be submitted to the SoftUni Judge system.

Task 1 – Sorting Players

Several people are playing a game. Every player has a certain **individual number of victories and losses** (which might be equal or different). Write a program that prints the name and final result of each of them,.

Note: If there is a player with **multiple attempts**, the victories and losses are **added** to the final result.

Input

- Until you receive the string "End", you are given the players' information in the following order:
    - **Name: string**
    - **Victories: a positive integer**
    - **Losses: a positive integer**

Output

The **final result** is calculated by **extracting the total losses from the total victories**.

- Print the players with their final result **in alphabetical order**.

Examples

Input	Output	Comments
Tom 7 3 Nick 3 0 Anna 2 1 Jerry 3 5 Lisa 5 4 Voldemort 2 2 Bob 0 2 End	Anna 1 Bob -2 Jerry -2 Lisa 1 Nick 3 Tom 4 Voldemort 0	**On the following lines there are the players with their victories and losses.** **For each player the final result is calculated.** **Tom -> 7 - 3 = 4. Tom's final result is 4,** **Nick -> 3 - 0 = 3. Nick's final result is 3, etc.** **…** **Bob -> 0 - 2 = -2. Bob's final result is -2.** **They are sorted in alpahbetical order and printed with their names and final results.**
Sam 2 3 Anna 3 3 Bob 3 4 Anna 1 0 Sam 8 2 Anna 1 5 Bob 3 1 End	Anna -3 Bob 1 Sam 5	