# 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 |  |