# C++ Advanced - Retake Exam - 25 June 2022

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

#### **Shopping List** 1.

Help Tom go to the supermarket. He has a list of Shopping Items with price and count of each of them.

### Input

- On the first line, you are given an integer number of Shopping items.
- On the **next lines**, you are given:
  - o Name of Shopping Items
  - o Price of Item
  - o Shopping Item's Count

**Note:** There can only be one item with the same name.

#### **Output**

- Print the total sum of the products "The total sum is: {total sum} lv."
- Sort the Shopping Items by their **final price**.
  - The final price is calculated by multiplying the Shopping Item's **count** by the Shopping Item's **price** (finalPrice = count\*price)

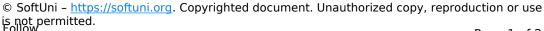
**Note:** If there are two or more items with the same price, print them in the order of their entrance.

## **Examples**

Input	Output
5	The total sum is: 17.4 lv.
Milk	Rice 4.5
2	Cheese 4.1
2	Milk 4
Eggs	Eggs 2.4
0.4	Carrots 2.4
6	
Carrots	
0.3	
8	
Rice	
1.5	
3	
Cheese	
4.1	

Input	Output
6	The total sum is: 21.5 lv.
Banana	Banana 6
0.6	Cake 4.7
10	Cream 4.4
Cream	Soda 3
2.2	Bread 2.8
2	Cucumber 0.6
Bread	
1.4	
2	
Soda	
1	
3	
Cucumbe r	
0.3	



















1		2	
		Cake	
		4.7	
		1	











