## Sales Report

Write a class Sale holding the following data: **town**, **product**, **price**, **quantity**. Read a **list of sales** and calculate and print the **total sales by town** as shown in the output. Order **alphabetically** the towns in the output.

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| 5  Sofia beer 1.20 160  Varna chocolate 2.35 86  Sofia coffee 0.40 853  Varna apple 0.86 75.44  Plovdiv beer 1.10 88 | Plovdiv -> 96.80  Sofia -> 533.20  Varna -> 266.98 | Plovdiv -> 1.10 \* 88 = 96.80  Sofia -> 1.20 \* 160 + 0.40 \* 853 = 533.20  Varna -> 2.35 \* 86 + 0.86 \* 75.44 = 266.98 |