# Problem 1. Game

There are **3 types of sectors**: **"A"**, **"B"** and **"C"**, and **3 types of zones**: **"LITEX"**, **"LEVSKI"** and **"VIP"**. You will receive an **array of strings**. The **first string** is the **seats** available in each sector (**all the sectors in all zones have the same amount of seats**). The rest of the array will also contain strings in the following format: **"{team}\*{seatNumber}\*{sector}"**. Your job is to place the person on his **desired seat**, **if it is available**. If it is not, **print the following message: "Seat {seatNumber} in zone {team/VIP} sector {sector} is unavaliable"**. Example: **"LEVSKI\*5\*A"**. Here you check if for the team **Levski** in **sector A** the seat **5** is free. (start counting seats form **1**).

When you place someone on a seat, you get a particular amount of **money** depending on the sector and whether the zone is **LEVSKI/LITEX** or **VIP**. Follow the table below:

|  |  |  |
| --- | --- | --- |
|  | **LEVSKI/LITEX** | **VIP** |
| **A** | 10 | 25 |
| **B** | 7 | 15 |
| **C** | 5 | 10 |

After you are finished with distributing the seats, print the total amount of fans and the total money earned in the format:

**"{totalMoney} lv.**

**{countOfFans} fans"**

### Input/Constrains

* The input comes as an array of strings: the first string is the number of seats, the rest is the fans
* The input will always be valid, the teams will be existent, so will be the types of seats (LEVSKI, LITEX, VIP)

### Output

* Print the output on the console as shown above

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comment** |
| ["5", "LITEX\*5\*A", "LITEX\*5\*B", "LITEX\*5\*A", "VIP\*1\*A"] | Seat 5 in zone LITEX sector A is unavailable 42 lv. 3 fans | In each zone in each sector we have 5 seats. The first fan of Litex takes the 5th seat in sector A. Then we have another fan of Litex again on seat 5 but this time in sector B (it is free, so he takes it). The next fan wants the same place as the first one (it is already taken, so he does not take it). Finally we give the 1th seat in the VIP zone sector A to another fan. |
| ["5","LITEX\*5\*A", "LEVSKI\*2\*A", "LEVSKI\*3\*B", "VIP\*4\*C", "LITEX\*3\*B", "LEVSKI\*2\*A", "LITEX\*5\*B", "LITEX\*5\*A", "VIP\*1\*A"] | Seat 2 in zone LEVSKI sector A is unavailable Seat 5 in zone LITEX sector A is unavailable 76 lv. 7 fans |  |