# ATM Machine

*Now going on the next machine you need to process money from. It is the ATM. You will receive some commands for withdrawing, reporting or loading and you need to process them.*

The input will be given as **array of arrays**. **Each array** from the input array is **different command depending on its length**. Here are all the possible lengths:

- If the **arrays length is greater than 2**, that means that you have to **load money in the ATM**. **Each element** of the array will be the **banknote that is being loaded**. After loading all of the money from the array, you have to **print a report message**: **'Service Report: The ATM machine is loaded with {total cash loaded}. Current balance is {all cash in the ATM}.'**

- If the **arrays length is exactly 2**, that means that **withdraw is going to be made**. The **first element** of the array is the **current balance** in that persons account. The **second element** is the **money that he wants to withdraw**.   
 - If the **balance** of the account **is less** than the **money** that person wants to **withdraw** print the following message: **'There is not enough money in your account. Your current balance is ${persons balance}.'** - If there is **not enough money in the ATM** for the withdraw to be made, print the following message: **'ATM machine is out of order!'**  
 - Otherwise, the withdraw is **always possible** and you need to **start looping through the banknotes from the ATM** (starting from the **biggest one**) and **remove them until you complete the withdraw**. When you finish the withdraw, print the following message: **'You get ${withdraw money} lv. Your card balance is ${money left in account}. Thank you!'**

- If the array is with **length of 1**, you have to print the report containing the **quantity** of the **banknote** with the corresponding **number** in that array in the format: **'Service Report: Banknotes from ${banknote} lv. in the ATM are ${count of that banknote}!'**

For more clarification, see the examples below

### Input / Constrains

* Comes as **array of arrays**
* Input will **always be valid**

### Output

* After **each array** there is a specific **message** you need to print
* There is no other output that needs to be printed

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| [[20, 5, 100, 20, 5, 50, 20, 10, 2, 1, 1, 1],  [457, 25],  [280, 125],  [250, 85],  [1],  [10, 10, 5, 20, 50, 20, 10, 5, 2, 100, 20],  [20],  [20, 85],  [100, 20, 50, 100, 80, 50, 100],  [5000, 4500],  ] | Service Report: The ATM machine is loaded with 235. Current balance is 235.  You get 25 lv. Your card balance is 432. Thank you!  You get 125 lv. Your card balance is 155. Thank you!  You get 85 lv. Your card balance is 165. Thank you!  Service Report: Banknotes from 1 lv. in the ATM are 0!  Service Report: The ATM machine is loaded with 252. Current balance is 252.  Service Report: Banknotes from 20 lv. in the ATM are 3!  There is not enough money in your account. Your current balance is 20.  Service Report: The ATM machine is loaded with 500. Current balance is 752.  ATM machine is out of order! |
| **Comments** | |
| Firstly, we load all of the banknotes and print the report  Next, we get three withdraws. They all can be completed, so we print the corresponding messages (after all three of them the ATM is empty).  After that, we need to print how many banknotes of 1 we have (0).  We load the ATM again and print the report (we add 252, total is 252).  Next, we make report on how many 20's we have (3)  The next withdraw cannot be completed, because the person does not have enough money in the account, so we print the corresponding message.  We load the ATM again with 500 (total gets 752)  The last withdraw cannot be completed, because the ATM does not have that much money. | |