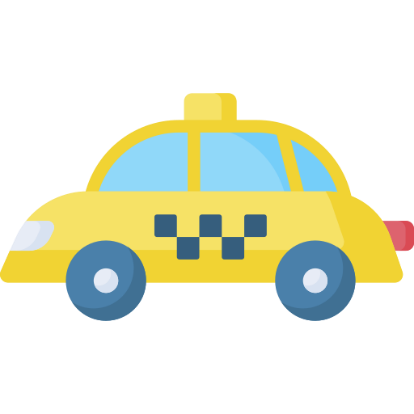
# Taxi Express



*You have created your own taxi company called "Taxi Express". You want to analyze how well your taxi drivers are doing by calculating how much time they need to tend the customers.*

You will receive a **list of the cutomers** (**numbers** seperated by comma and space **", "**) on the first line and **list of your taxis** (**numbers** seperated by comma and space **", "**).

Each number from the **customer** list represents how much **time** it takes to **drive** **the customer** to his/her **destination.**

Each number from the **taxis** list represents how much **time** they can drive, before they need to refill their tanks.

Keep track of the **total time** passed to drive all the customers to their destinations (values of all customers).

Each time you tend customers you should put the **first customer** in the **last taxi** until there are **no customers left**.

* If the **taxi can drive** the customer to his/her destination, **he does** and you must add the **time** passed to drive the customer to his/her destination (the **value of the current customer**) to the **total time**. **Remove** **both** the customer and the taxi.
* If the **taxi cannot drive** the customer to his/her destination, **leave** the **customer** at the **beginning** of the queue and **remove the taxi**.

At the end if you have **successfully** driven all the customers to their destinations, print   
**All customers were driven to their destinations  
Total time: {total\_time} minutes**

Otherwise, if you **ran out** of **taxis** and there are still some **customers left** print  
**Not all customers were driven to their destinations  
Customers left: {left\_customers joined by ", "}**

### Input

* On the **first line** you are given the **customers** – **numbers** seperated by comma and space **", "**
* On the **second line** you are given the **taxis** – **numbers** seperated by comma and space **", "**

### Output

* Print the output as described above

### Constraints

* You will always have **at least one customer** and **at least one taxi**

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 4, 6, 8, 5, 1  1, 9, 15, 10, 6 | All customers were driven to their destinations  Total time: 24 minutes |
| 10, 5, 8, 9  2, 4, 5, 8 | Not all customers were driven to their destinations  Customers left: 10, 5, 8, 9 |
| 2, 8, 4, 3, 11, 7  10, 15, 4, 6, 3, 10, 2, 1 | All customers were driven to their destinations  Total time: 35 minutes |