## Train

You will be given an **array of strings**.

The **first** element will be **a string containing wagons** (numbers). Each number inside the string represents **the number of passengers that are currently in a wagon**.

The **second** element in the array will be **the max capacity of each wagon** (single number).

The **rest** of the elements will be **commands** in the following format:

* **Add** {**passengers**} – add a **wagon** to the end with the given number of passengers.
* {**passengers**} - find an existing wagon to **fit all the passengers** (**starting from the first wagon**)

At the end, **print the final state** of the train (all the wagons **separated** by a space).

### Example

|  |  |
| --- | --- |
| **Input** | **Output** |
| ['32 54 21 12 4 0 23',  '75',  'Add 10',  'Add 0',  '30',  '10',  '75'] | 72 54 21 12 4 75 23 10 0 |
| ['0 0 0 10 2 4',  '10',  'Add 10',  '10',  '10',  '10',  '8',  '6'] | 10 10 10 10 10 10 10 |