# Problem 1

*We think the process of making honey is amazing! Let’s learn more about how the bees make honey.*

Workers bees **collect** nectar. When the worker bee has found **enough** nectar, she returns to the hive to **drop off the load**. The worker bees pass the nectar to the waiting bees so they can really start the honey-making process.

You will receive **3 sequences**:

* a sequence of **integers**, representing **working bees**,
* a sequence of **integers**, representing **nectar**,
* a sequence of **symbols** – **"+"**, **"-"**, **"\*"** or **"/"**, representing the **honey-making process**.

Your task is to **check** if bee has **collected enough nectar** to return to the hive and to keep track of the **total honey** waiting bees has **made with the collected nectar**.

**Step one**: you should **check** if bee has **collected enough nectar.** You should take the **first bee** and and try to match it with the **last nectar**:

* If the value of **the nectar** is **more or equal** to the value of **the bee,** it is considered **collected** and the bee returns to the hive to drop off the load (step two).
* If the value of **the nectar** is **less** than the value of **the bee**, you should **remove the nectar** and try to match **the bee** with the **next nectar’s** value.

**Step two**: you should calculate **the honey** **made** **with the passed nectar**. When you find a bee and a nectar that have **matched** (step one), you should take the **first** **symbol** in the sequence of **symbols** (**"+"**, **"-"**, **"\*"** or **"/"**) and make the **corresponding calculation** as follows:

**{matched bee} {symbol} {matched nectar}**

The result represents the honey that is made from the passed nectar. The calculation should **always** return **the absolute value of the result.** After the calculation**, remove the bee, the nectar, and the symbol.**

**Stop making honey when you are out of bees or nectar.**

## Input

* The **first** line you will be given the values of **bees** - **integers**, separated by a **single space**
* On the **second** line you will be given the **nectar’s** values - **integers**, separated by a **single space**
* On the third line you will be given symbols - **"+"**, **"-"**, **"\*"** or **"/"**, separated by a **single space**

## Output

* On the first line - print the total honey made:
  + "**Total honey made: {total honey}**"
* On the next two lines print the **bees** or the **nectar** that are **left**, **if there are any**, **otherwise skip the line:**
  + "**Bees left: {bee1}, {bee2}, …**"
  + "**Nectar left: {nectar1}, {nectar2}, …**"

## Constraints

* All the bee’s values will be **integers** in range **[0, 150]**
* Nectar’s values will be **integers** in range **[0, 150]**
* There always will be enough symbols in the sequence of symbols

## Examples

|  |  |  |
| --- | --- | --- |
| ****Input**** | ****Output**** | ****Comment**** |
| **20 62 99 35 0 150**  **120 60 10 1 70 10**  **+ - + + / \* - - /** | **Total honey made: 148**  **Bees left: 99, 35, 0, 150** | First, compare 20 to 10. 20 is bigger than 10, so remove 10. Then compare 20 to 70. 20 is less than 70, so the bee could return to the hive. Honey made with given nectar is 20 + 70 = 90.  Next, compare 62 to 1. 62 is bigger than 1, so remove 1. Compare 62 to 10. 62 is bigger than 10, so remove 10. Compare 62 to 60. 62 is bigger than 60, so remove 60. Compare 62 to 120. 60 is less than 120, so the bee could return to the hive. Honey made with given nectar is 62 - 120 = (-58). (-58) is negative and its absolute value is 58, so the result of the calculation is 58.  Total honey made: 90 + 58 = 148.  Print desired text. |
| **30**  **15 9 5 150 8**  **\* + + \* -** | **Total honey made: 4500**  **Nectar left: 15, 9, 5** |  |