## Number Beggars

Your task here is pretty simple: given a **list of numbers** and a **number of beggars**, you are supposed to return a **list with the sum** of what **each beggar** brings home, assuming they all take **regular turns**, from the first to the last.

For example: **[1,2,3,4,5]** for 2 beggars will return a result of **9 and 6**, as the first one takes **[1,3,5]**, the second collects **[2,4]**.

The same list with **3 beggars** would produce a better outcome for the **second** beggar: **5, 7 and 3**, as they will respectively take **[1, 4], [2, 5] and [3]**.

Also note that not all beggars have to take the same amount of "offers", meaning that the length of the list is **not** necessarily a **multiple of n**; length can be even shorter, in which case the last beggars will of course take nothing (0).

### Input

You will receive **2 lines** of input: a **single string** containing the numbers separated by a comma and a space **", "**. On the **second line** you will receive the **number of beggars.**

### Output

Print a **list** of all the **sums** that each beggar got.

### Example

|  |  |
| --- | --- |
| **Input** | **Output** |
| 1, 2, 3, 4, 5  2 | [9, 6] |
| 3, 4, 5, 1, 29, 4  6 | [3, 4, 5, 1, 29, 4] |
| 100, 94, 24, 99  5 | [100, 94, 24, 99, 0] |