PROBLEM 3

To print the ratio of number of zero's to number of one's within an array.

Example 1:

1	0	0	0	1	1	0	1	0

Fig: Array (Example 1)

Number of zero's in the array are **5**

Number of one's in the array are **4**

The ratio of number of zero's to number of one's is **5:4**

Example 2:

0	1	1	0	1	1

Fig: Array (Example2)

Number of zero's in the array are 2

Number of one's in the array are 4

The ratio of number of zero's to number of one's is 2:4 i.e 1:2

Flow of execution:

Inputs:

6

0 1 1 0 1 1

Output:

1:2

Explanation:

- The program must accept the input as mentioned above, the first line in the input determines the array length and the second line determines the elements of the array.
- The output must be of the same format as mentioned which is the result of ratio of number of zero's to number of one's (no's 0:no's 1)

Sample Test Cases:

Test case 1:

- **Input:**
  6
  0 1 1 0 1 1
- **Output:**
  1:2

Test case 2:

- **Input:**
  9
  1 0 0 0 1 1 0 1 0
- **Output:**
  5:4

Note:

Unnecessary print statements and spaces in the stdout make yours test cases failed. So try to avoid them and follow the same format as mentioned.