HW_calculator 36

Take an **array arr** of size **N** as input which represents a **large number**. **Add X** to this large number and print the resultant array.

eg:-for X = 2 and array is [4,2,3,6,5,8,7,1,5,3,9,6] In this case answer must be [4,2,3,6,5,8,7,1,5,3,9,8]

Note: The large integer does not contain any **leading 0's** in the array.

Input Format

First line contains an integer **N** representing the length of array.

Second line contains **N** integers representing the elements of array.

Third line contains an integer **X** .

Constraints

```
1 <= N <= 1000000

0 <= arr[i] <= 9

0 <= X <= 9
```

Output Format

print the **resultant** array.

Sample Input 0

```
10
1 8 7 5 2 2 9 3 7 4
9
```

Sample Output 0

```
1 8 7 5 2 2 9 3 8 3
```