Array_Level2_009

Given two integer arrays of same size, "arr[]" and "index[]", reorder elements in "arr[]" according to given index array.

Input Format

First line contains the no of elements for array second line contains the array valuies & index arrray values

Constraints

1 ≤ array_size ≤ 10000

Output Format

print the altered array and the ordered index array. use tab for space

Sample Input 0

```
3
10  11  12
1  0  2
```

Sample Output 0

```
11  10  12
0  1  2
```