

Array_Level2_006

Given an array of size n where all elements are in range from 0 to $n-1$, change contents of `arr[]` so that `arr[i] = j` is changed to `arr[j] = i`.

Input Format

Input contains the no of elements & array values

Constraints

$1 \leq \text{array_size} \leq 10000$

Output Format

print the altered array

Sample Input 0

```
4
1 3 0 2
```

Sample Output 0

```
2 0 3 1
```

Explanation 0

Explanation for the above output. Since `arr[0]` is 1, `arr[1]` is changed to 0 Since `arr[1]` is 3, `arr[3]` is changed to 1 Since `arr[2]` is 0, `arr[0]` is changed to 2 Since `arr[3]` is 2, `arr[2]` is changed to 3