

# Fun with Sequences (Act 3)

You are given a sequence of  $n$  integers  $S = s_1, s_2, \dots, s_n$  and a sequence of  $m$  integers  $Q = q_1, q_2, \dots, q_m$ . Please, print in the ascending order all such  $i$ , that  $s_i = q_i, i \leq n, i \leq m$ .

## Input data specification

In the first line you are given one integer  $2 \leq n \leq 100$ , and in the following line  $n$  integers:  
 $-100 \leq s_i \leq 100, s_i \leq s_{i+1}$ .

In the third line you are given one integer  $2 \leq m \leq 100$ , and in the following line  $m$  integers:  
 $-100 \leq q_i \leq 100, q_i \leq q_{i+1}$ .

## Output data specification

The sequence of requested indexes separated by spaces.

### Example 1

**Input:**

```
5
-2 -2 -1 1 4
6
-3 -2 -1 1 2 3
```

**Output:**

```
2 3 4
```

### Example 2

**Input:**

```
5
-2 -1 -3 1 4
5
-3 -2 -1 1 2
```

**Output:**

```
4
```