ETH Zurich
Institut für Theoretische Informatik
Prof. Dr. Angelika Steger
Prof. Dr. Emo Welzl
Prof. Dr. Peter Widmayer

Algorithms Lab

Exercise – *Vectors*

In this exercise you are supposed to do some operations with vectors.

Input The first line of the input contains the number $t \leq 10$ of test cases. Each of the t test cases is described as follows.

- It starts with a line that contains an integer `n`, such that $0 \leq n \leq 10$.
- The following line contains n integers `a`$_0$ `...` `a`$_{n-1}$, separated by a space, such that $-1000 \leq a_i \leq 1000$, for all $i \in \{0, \ldots, n-1\}$.
- The following line contains an integer `d`, denoting the index of an element that is to be removed from the vector, and such that $0 \leq d \leq n-1$.
- The following line contains two integers `a b`, separated by a space, denoting the range of indices of the elements that should be removed from the *remaining* vector (both inclusive), and such that $0 \leq a \leq b \leq n-2$.

Output For each test case output one line with the remaining elements of the vector separated by a space. If there are no elements remaining in the vector output '`Empty`'.

Points There is one group of test sets, worth 100 points in total.

Sample Input

```
1
6
-3 -1 4 2 0 3
3
2 3
```

Sample Output

```
-3 -1 3
```