

LAB 2

Given an unsorted integer array, find a pair with the given sum in it.

Input specification:

The first line specifies the number of elements in the array say n

The next n lines denote the elements of the array.

The next line denotes the number of target sums say m

The next m lines contains the target sum

Output specification:

For each line corresponding to a target sum s

Output 0 if no pair sums to s

Output the array indices in increasing order if there is a pair which sums to s

Example:

5 <- This is the number of elements in the array

9

4

3

2

7

3 <- This is the number of test cases

13

4

5

Output:

0 1

0

2 3

Note:

1. Assume all the elements are distinct.
2. If there is more than one pair possible, then print the one with in the smallest first coordinate.