

## Part Sort

Given an array  $A[N]$ , you are required to sort the array in given index range  $[a, b]$ , i.e., you need to sort subarray  $A[a..b]$

### Example:

#### Input:

$A[] = \{7, 8, 4, 5, 2\}$

$a = 1, b = 4$

#### Output :

7 2 4 5 8

### Example :

#### Input :

The first line of input contains an integer  $T$  denoting the Test cases. Then  $T$  test cases follow.

First line contains no. of array elements -  $N$

Second line contains array elements  $A[i]$

Third line contains **a** and **b**

#### Output :

Sorted array as per the given range  $[a, b]$

#### Constraints :

$1 \leq T \leq 100$

$1 \leq N \leq 10^5$

$0 \leq A[i] \leq 10^6$

$0 \leq a, b \leq N-1$

#### Input :

1

5

7 8 4 5 2

1 4

#### Output :

7 2 4 5 8