**CREATE TREE**

**Problem Statements :**

Given postorder and inorder of a tree. Create the tree and print the preorder of the tree.

**Input Format :**

First line contains integer t as number of test cases. For each test case , it contains a number n as number of nodes of the tree and next two line contains n separated integers which is inorder and postorder of the tree.

**Constraints :**

1<t<50

1<n<50

**Output Format :**

Display the preorder for each test case.

**Sample Input :**

1

8

4 8 2 5 1 6 3 7

8 4 5 2 6 7 3 1

**Sample Output :**

1 2 4 8 5 3 6 7

**Explanation :**

None

**Time Limit :**

None