**Build BST**

**Problem Statements :**

You are given a sorted data of n integers. You have to form a balanced Binary Search Tree and then print preorder traversal of the tree.

**Input Format :**

First line contains integer t as number of test cases.

Each test case contains following input. First line contains integer n which represents the length of the data and next line contains n space separated integers.

**Constraints :**

1 < t < 100

1< n < 1000

**Output Format :**

Print the preorder of the tree.

**Sample Input :**

1

7

1 2 3 4 5 6 7

**Sample Output :**

4 2 1 3 6 5 7

**Explanation :**

**Time Limit :**