**Ancestors in Binary Tree:-**

Given a Binary Tree and a target key, you need to find all the ancestors of the given target key.

1

/ \

2 3

/ \

4 5

/

7

Key: 7

Ancestor: 4 2 1

**Example 1:**

**Input:**

1

  / \

  2 3

target = 2

**Output:** 1

**Example 2:**

**Input:**

  1

  / \

  2 3

  / \ / \

  4 5 6 8

  /

 7

target = 7

**Output:** 4 2 1

**Your Task:**  
Your task is to complete the function **Ancestors()** that finds all the ancestors of the key in the given binary tree.  
**Note:**  
The return type is  
**cpp:**vector<int>  
**Java:**ArrayList<Integer>  
**python:**list

**Expected Time Complexity:**O(N).  
**Expected Auxiliary Space:**O(H).  
**Note:**H is the height of the tree and this space is used implicitly for recursion stack.

**Constraints:**  
1 <= N <= 1000  
1<= data of node <= 10000