Breadth first search for binary tree

Student name :	Parshant
Student email / username :	parshantrao2017@gmail.com
Class name :	Plutonium Cohort
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Earned Score :	100
Earned Marks :	50 / 50

```
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solution.js

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process.stdin.resume();
process.stdin.setEncoding('ascii');

var input_stdin = "";
var input_stdin_array = "";
var input_currentline = 0;

process.stdin.on('data', function (data) {
    input_stdin += data;
});

process.stdin.on('end', function () {
    input_stdin_array = input_stdin.split("\n");
    main();
});

function readLine() {
    return input_stdin_array[input_currentline++];
}

function solution(a,root,num) {
    let ans=-1
    let stack=[],queue=[]
    queue.push(root)
    while(queue.length){
        let node=queue.shift()
        ans++
        if(node.val==num)  return ans
        stack.push(node.val)
        if(node.left) queue.push(node.left)
        if(node.right) queue.push(node.right)
    }
    return -1
}
```

```
class Node{
    constructor(val){
        this.val=val;
        this.left=null;
        this.right=null;
    }
}


function buildTree(init,post,start,end){
    if(start>end) return null
    let curr=post[index]
    let node=new Node(curr)
    index--
    if(start==end) {
        return node
    }
    let idx=map[curr]

    node.right=buildTree(init,post,idx+1,end)
    node.left=buildTree(init,post,start,idx-1)
    return node
}
let map={}
let index

function main() {
    var a = parseInt(readLine());
    var post=readLine().split(" ").map(Number)
    var init=readLine().split(" ").map(Number)
    var num=parseInt(readLine())
    let len=init.length
    index=len-1
    for(let i=0;i
```