import java.util.Arrays;

class TreeNode{

int data;

TreeNode left;

TreeNode right;

public TreeNode(int val){

this.data=val;

this.left=null;

this.right=null;

}

}

public class Main{

public static TreeNode createbtree(int[]arr,int i,int n){

if(i>n){

return null;

}

TreeNode=new TreeNode(arr[i-1]);

root.left=createbtree(arr,2\*i,n);

root.right=createbtree(arr,2\*i+1,n);

return root;

}

if(root==null){

return;

}

System.out.print(root.data+"");

pre(root.left);

pre(root.right);

}

public static void main(String[] args){

int[]arr={1,2,3,4,5,6,7};

TreeNode btree=createbtree(arr,1,arr.length);

System.out.println(btree);

}

}

return root;

}