TreeNode\* build(vector<int> inorder,vector<int> postorder,int s,int e){

static int i=e;

if(s>e){

return NULL;

}

TreeNode \*root=new TreeNode(postorder[i]);

int index=-1,j;

for(j=s;j<=e;j++){

if(postorder[i]==inorder[j]){

index=j;

break;

}

}

i--;

root->right=build(inorder,postorder,index+1,e);

root->left=build(inorder,postorder,s,index-1);

return root;

}

TreeNode\* buildTree(vector<int>& inorder, vector<int>& postorder) {

if(inorder.size()==0)return NULL;

if(inorder.size()==1){

TreeNode \*root=new TreeNode(inorder[0]);

return root;

}

int n =inorder.size();

TreeNode \*root=build(inorder,postorder,0,n-1);

return root;

}