**/\*\***

**\* Definition for a binary tree node.**

**\* struct TreeNode {**

**\*     int val;**

**\*     struct TreeNode \*left;**

**\*     struct TreeNode \*right;**

**\* };**

**\*/**

**void kthSmallestfunction(struct TreeNode\* root, int k, int \*i, int \*answer){**

**if(root!=NULL){**

**kthSmallestfunction(root->left, k, i, answer);**

**if(\*i==k){**

**return;**

**}**

**\*i=\*i+1;**

**if(\*i==k){**

**\*answer=root->val;**

**return;**

**}**

**kthSmallestfunction(root->right, k, i, answer);**

**}**

**}**

**int kthSmallest(struct TreeNode\* root, int k) {**

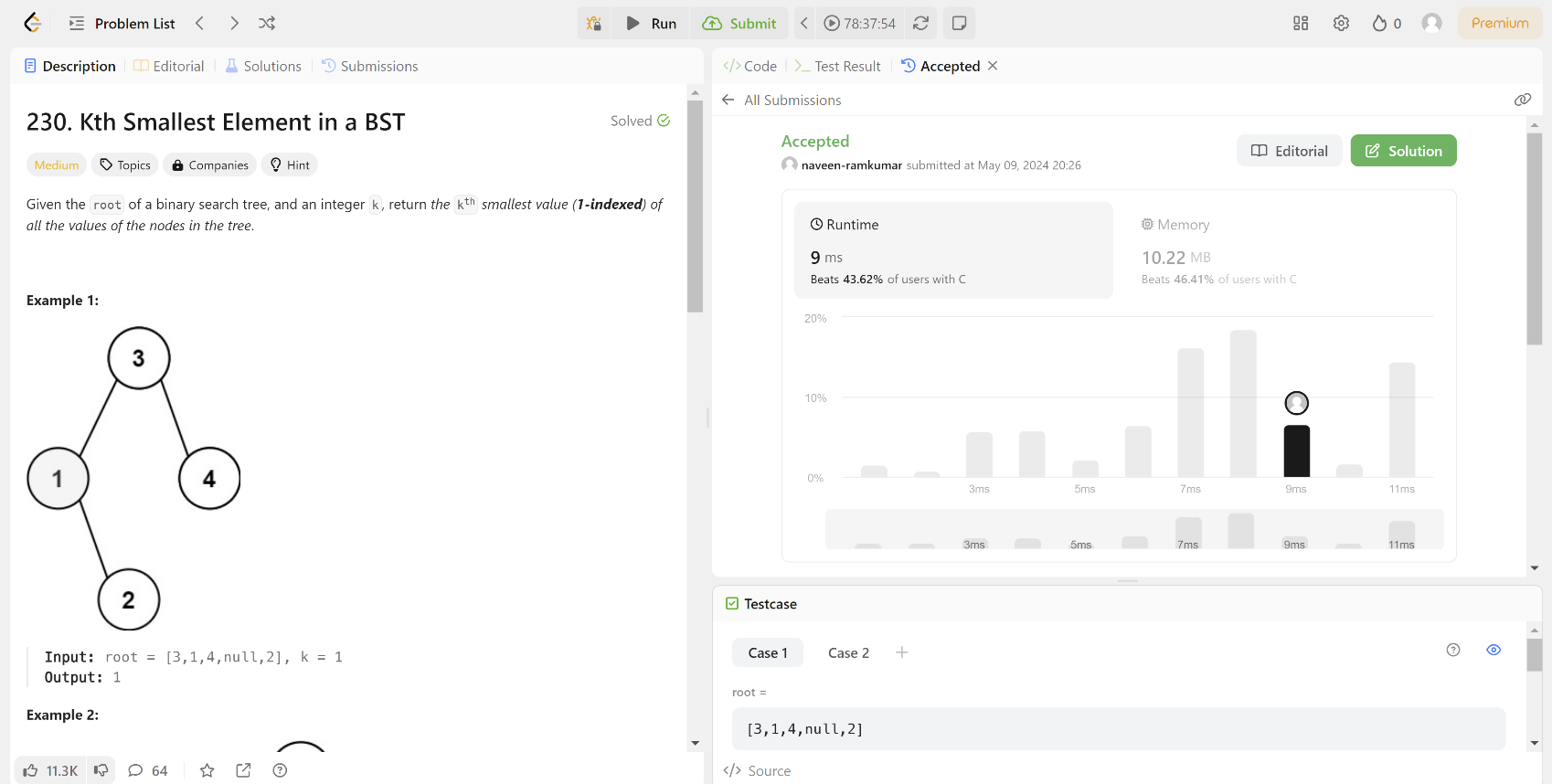
**int i=0;**

**int answer;**

**kthSmallestfunction(root, k, &i, &answer);**

**return(answer);**

**}**

****