**HEIGHT OF A BINARY SEARCH TREE**

#include <stdio.h>

#include <stdlib.h>

typedef struct Node{

    struct Node\* left;

    struct Node\* right;

    int data;

}Node;

Node\* newNode(int data){

    Node\* node=(Node\*)malloc(sizeof(Node));

    node->left=node->right=NULL;

    node->data=data;

    return node;

}

int getHeight(Node\* root)

{

  //Write your code here

  int height = 0 ;

  if(root )

  {

      if(root->left||root->right)

      {

          int leftheight = 0 ;

          int rightheight = 0 ;

          if(root->left)

          {

              leftheight = getHeight(root->left) ;

          }

          if(root->right)

          {

              rightheight = getHeight(root->right) ;

          }

          if(leftheight > rightheight)

          {

              height = leftheight + 1 ;

          }

          else

          {

              height = rightheight + 1 ;

          }

      }

    }

  return height ;

}