Height of a Binary Tree

```
#include <stdio.h>
#include <stdlib.h>
struct node
{
  int data;
  struct node *left;
  struct node *right;
};
//Write your code here
struct node *newNode (int data)
{
  struct node *node = (struct node *) malloc (sizeof (struct node));
  node->data = data;
  node->left = NULL;
  node->right = NULL;
  return (node);
}
int main ()
{
  struct node *root = newNode (10);
  root->left = newNode (20);
  root->right = newNode (30);
  root->left->left = newNode (40);
  root->left->right = newNode (50);
  printf ("Height of tree is %d", height (root));
  return 0;
}
```