

Is this a full binary tree?

```
bool IsFBT (BinaryNode* t)
{
    // base case - an empty tree is a FBT
    if (t == NULL) return true;

    // determine if this node is "full"
    // if just one child, return - the tree is not full
    if ( (t->left && !t->right) || (t->right && !t->left) )
        return false;

    // if this node is full, "ask" its subtrees if they are full
    // if both are FBTs, then the entire tree is an FBT
    // if either of the subtrees is not FBT, then the tree is not
    return IsFBT( t->right ) && IsFBT( t->left );
}
}
```