

```

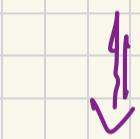
private int findTreeHeightRekursiv(Node temp) {
    if (temp == null)
        return -1;

    int left_subTree = findTreeHeightRekursiv(temp.left);
    int right_subTree = findTreeHeightRekursiv(temp.right);

    if (left_subTree > right_subTree)
        return 1 + left_subTree;

    return 1 + right_subTree;
}

```



Debbugen:

temp temp.left temp.right
 $\text{findh}(15) = \text{left}(6), \text{right}(\text{null}) = 2 \leftarrow$
 $\text{findh}(6) = \text{left}(3), \text{right}(9) = 1$
 $\text{findh}(3) = \text{left}(\text{null}), \text{right}(\text{null}) = 0$
 $\text{find}(\text{null}) = -1$
 $\text{find}(\text{null}) = -1$
 $\text{findh}(9) = \text{left}(\text{null}), \text{right}(\text{null})$

$\text{if}(\text{left} \neq \text{right})$,
 $\text{return } 1 + \text{left} = 2$

else
 $\text{return } 1 + \text{right} = 1$

