## **Binary Trees Problems**

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The definition of the trees is given by:

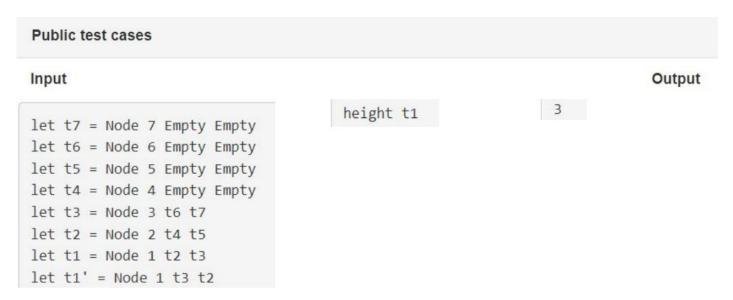
data  $Tree \ a = Node \ a \ (Tree \ a) \ | \ Empty \ deriving \ (Show)$ 

That is, a tree with elements of type a is, either an empty tree, either a node with an element (of type a) and two other trees of the same type. The *deriving (Show)* statement simply enables an visualization of trees.

## **Problem 2**



Write a function  $height :: Tree \ a \rightarrow Int$  that, given a tree, returns its height, assuming that empty trees have zero height.



## Instructor Youtube Channel: Lucas Science

