1 Representing Complex Data

1.1 Trees

1.1.1 Functions on Trees

We will now write some functions on trees. One common function is finding the *height*[1] of the tree.

```
height :: Tree -> Int
height Leaf           = 0
height (Node _ l r)   = 1 + max (height l) (height r)
```

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[1]Height of the *nodes*, not the leaves.

2   Higher-Order Functions