99 questions/Solutions/62B

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Collect the nodes at a given level in a list

A node of a binary tree is at level N if the path from the root to the node has length N-1. The root node is at level 1. Write a predicate atlevel/3 to collect all nodes at a given level in a list.

Another possibility is to decompose the problem:

```
levels :: Tree a -> [[a]] levels Empty = repeat [] levels (Branch a l r) = [a] : zipWith (++) (levels l) (levels r) atLevel :: Tree a -> Int -> [a] atLevel t n = levels t !! (n-1) Retrieved from "https://wiki.haskell.org/index.php?title=99_questions/Solutions 62B\&oldid=37689"
```

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