Multiway Tree Problems

Problem 4



```
forecast Handler A
```

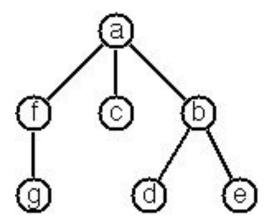
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Write a function $bottomUp :: Tree \ a \rightarrow [a]$ that constructs the bottom-up sequence of the nodes of the multiway tree.

Example below:

bottomUp = "gfcdeba"



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Problem 4



Examples:

```
bottomUp (Node 'a' [Node 'f' [Node 'g' []], Node 'c' [], Node 'b' [Node 'd' [], Node 'e' []]])
-> "gfcdeba"
bottomUp (Node 'a' [Node 'b' [Node 'c' []]])
-> "cba"
```

Haskell Multiway Trees



In Haskell, we define multiway trees as a datatype:

```
data Tree a = Node a [Tree a]
    deriving (Eq, Show)
```

Example



