HW 14 **Prof. Caldwell**
Due: 23 October 2008 **COSC 3015**

Exercise 0.1. Read the section in Bird on Rose trees (pgs 195 - 209)

Exercise 0.2. Write a Haskell program to sum up all of the values in a Rose tree.
The type specification is:

```
sumRose:: (Num a) => Rose a -> a
```

You will need to write code to test your function.

Exercise 0.3. Write flatten for Rose trees with the following specification:

1. The head of the resulting list is the root of the tree.
2. All of the values in the left most subtree appear first in the flattened list.

So for example:

```
flatten (Node 5 [Node 3 [], Node 7 [Node 8 [], Node 9 []], Node 4 []]) =
    [5,3,7,8,9,4]
```