Homework 5

Changes:

Originally used two ArrayList for the graph ADT, one to store the names of the nodes and one to store the node objects. The issue here was adding and finding the index for a node and its name was either O(n) or O(logn). Either way, I switched to using a HashMap where the key is the name, and the value is the node. This would make adding a new node O(logn) and finding a node O(1).