## EECE.3220 Fall 2019: Exam 3 Class Definitions

## BST class definition for Question 2b

```
class BST {
public:
                        // Default constructor
   BST();
   void print(ostream &os); // Print tree contents to os
   // Space to add additional functions
   // that aren't necessary for this exam
private:
   class BNode {
   public:
     } ;
   BNode *root; // Root of tree
   // Helper function for printing tree contents
   // Will write definition in Question 2b
   void printtree(ostream &os, BNode *st);
};
Heap class definition for Ouestion 3b
class Heap {
public:
                                  // Default constructor
   Heap();
                                  // Counts non-leaf nodes
   unsigned countNonLeaves();
                                  // Will write definition
                                   // in Question 3b
   // Space to add additional functions
   // that aren't necessary for this exam
private:
   };
```