1. (2 pts) The first node in a linked list is called the **head** of list, and the last node in a linked list is called the **tail** of the list.

2. (2 pts) We use **self-referential** structures in order to create structures liked linked lists since a field in the structure will refer to an element whose type is the structure.

3. (2 pts) A stack is a **LIFO** data structure since the first element in the stack will be the last element out of the stack, and a **push** operation involves placing an element on the top of the stack.

4. (2 pts) A queue is a **FIFO** data structure since the last element in the queue will be the last element out of the queue, and a **dequeue** operation involves taking an element out of the queue.

5. (2 pts) What are three properties of a heap?

1. The tree is completely filled except possibly the last level?
2. Each node is larger than both of its children.
3. The nodes on a level proceed in ascending order from left to right.