1. (2 pts) A stack is a _________________ data structure since the last element to leave the stack is the first one we put in the stack.

2. (2 pts) A queue is a _________________ data structure since the last element to leave the queue is the last element we put in the queue.

3. (2 pts) If we have a class definition called MyObject, what causes that class definition to be a self-referential structure?

4. (2 pts) Suppose we have in a LinkedList class definition a Node definition with public instance variables datum of type Object and next of type Node. What line of code will add a new Node to the head of the list? Assume the LinkedList class definition contains a variable of type Node called head.

5. (2 pts) Suppose we have a LinkedList definition like in Question 4. Write a small method called last which will return a reference to the last node in the linked list.