Lab 2 Linked List

6. What is the advantage and disadvantage of Linked List compared with Array-Based data structures?

The main disadvantage of using Linked List compared to Array-Based is that we can’t access any element using get(i) or set(I,x) in constant time, but instead we have to traverse through the list one element at a time to reach the ith element. The main advantage of Linked Lists is that its more dynamic, we can delete the node or insert a node next to the referenced node in constant time.