**Complexity of every operations on singly linked list:**

| **Operation** | | **Complexity** |
| --- | --- | --- |
| **Insertion** | at Head | O(1) |
| at Tail | O(N) -> without tail tracking  O(1) -> with tail tracking |
| at any position | O(N) |
| **Deletion** | at Head | O(1) |
| at Tail | O(N) |
| at any position | O(N) |
| **Printing** | Forward | O(N) |
| Backward | O(N) -> using recursion |
| **Input** |  | O(N) -> with tail tracking  O(N\*N) -> without tail tracking |
| **Sorting** |  | O(N\*N) -> using selection sort |