**Doubly linked lists**

**Major differences:**

* Doubly linked lists have 2 pointer fields that can point to the next node as well as to the previous node. Hence a bi-directional link can be established.
* Singly linked list can be traversed in a single direction whereas doubly linked list can be traversed and displayed from both directions.
* Reversing a doubly linked list is easier because connection between nodes is maintained in both ways.

**General Advantages:**

* Since traversal in both ways is possible, it is a more efficient data structure.
* Deleting nodes and reversal operations are easier compared to singly linked lists.
* Allocating and de-allocating memory can be easily done during execution.

**General Disadvantages:**

* Direct access of data elements is not possible and it has to be done sequentially.
* Takes up more memory in comparison to arrays and singly linked lists.