

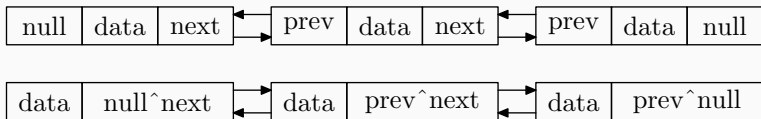
[E]XOR Linked List

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XOR Linked List

XOR or EXOR linked lists are memory efficient lists because instead of storing two pointers it stores XOR of next and previous nodes' addresses. It is useful in memory constrained environment like embedded devices. In general, it is worth using due to its compact code compared to normal linked list because memory is quite cheap and plentiful on modern devices.



- **Singly XOR Linked List:** In this linked list each node stores the XOR of current and next node.
- **Doubly XOR Linked List:** In this linked list each node stores the XOR of next and previous nodes.