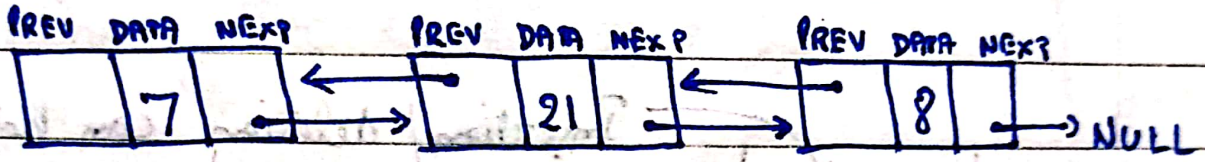
DOUBLY LINKED LIST

→ In a doubly linked list, each node contains a data part along with the two addresses, one for the previous node and the other one for the next node.



→ Implementation:

A doubly linked list can be implemented in C language as follows:

```
STRUCT NODE {
        INT DATA;
        STRUCT NODE *NEXT
```

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```
struct NODE *PREV;
};
```

→ Operations on a Doubly linked list:

→ The insertion & deletion on a doubly linked list can be performed by recurring pointer connections just like we saw in a singly linked list.

→ The difference here lies in the fact that we need to adjust two pointers (prev & Next) instead of one (next) in the case of a Doubly linked list.