Linked List

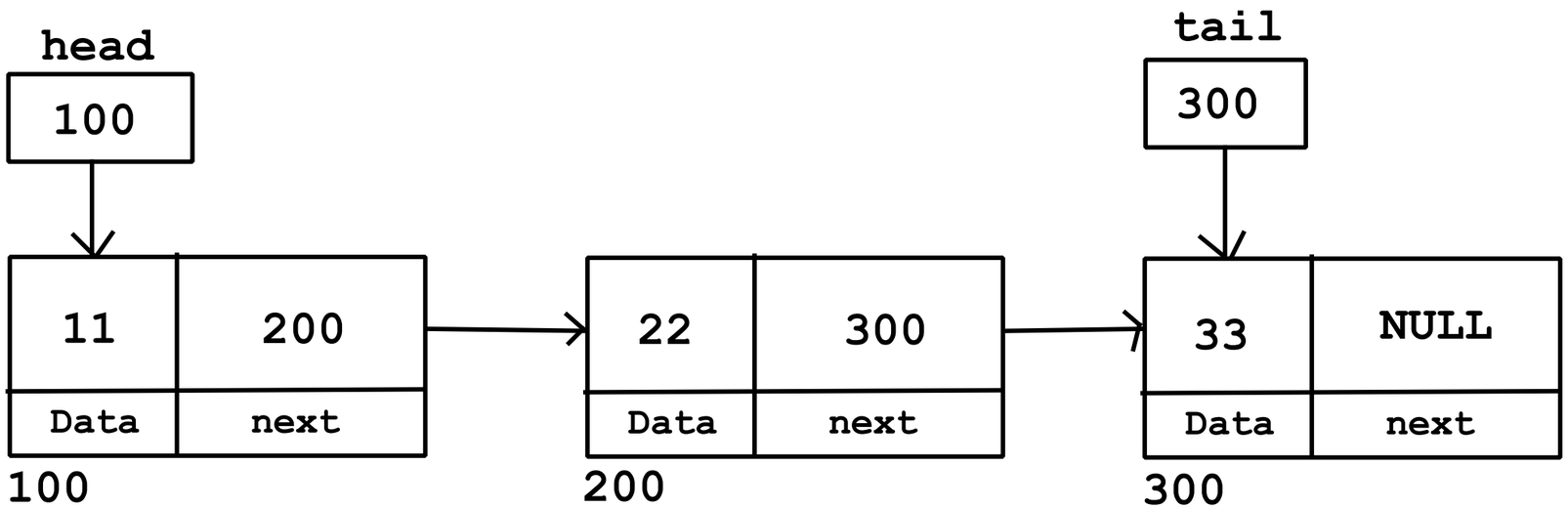
Linked List

1. Linked List is a linear data structure.
2. Link of next data is kept with current data

Node

3. Every data element of linked list is called as "Node".
4. Every node has two parts:
   data - actual data which you want store
   next - address next node in linked list

5. Address of very first node is kept into a pointer which is called as "head".
6. Address of last node is kept into a pointer which is called as "tail".(Optional)



Linked List Operations

1. Add node at first position
2. Add node at last position
3. Add node in between two nodes

4. Delete node from first position
5. Delete node from last position
6. Delete node from in between two nodes

7. Traverse List (Display)

Node

```
struct node{
        data;
        struct node *next;
};
```

Data :- int, char, float, double, string, enum, struct, array
Next :- pointer variable