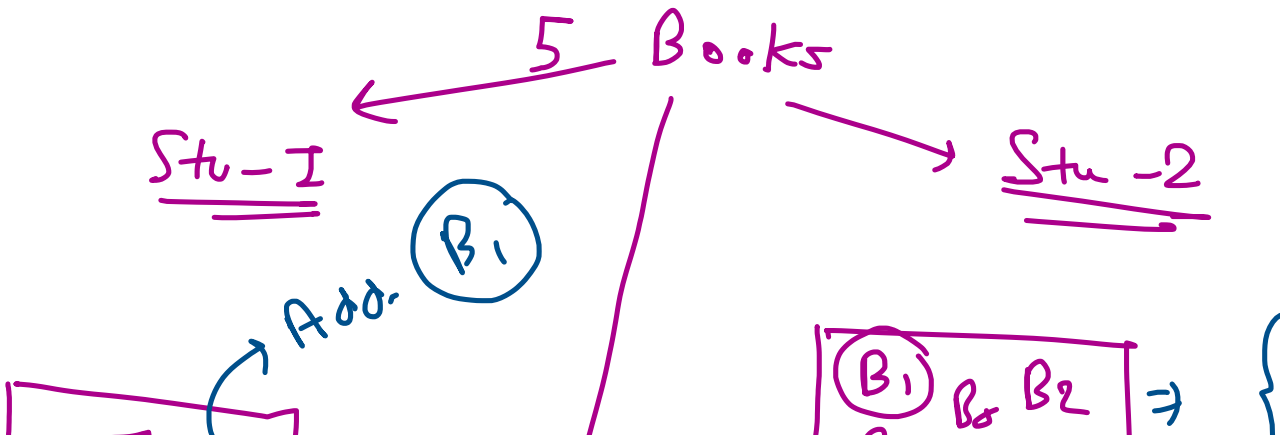
Lect

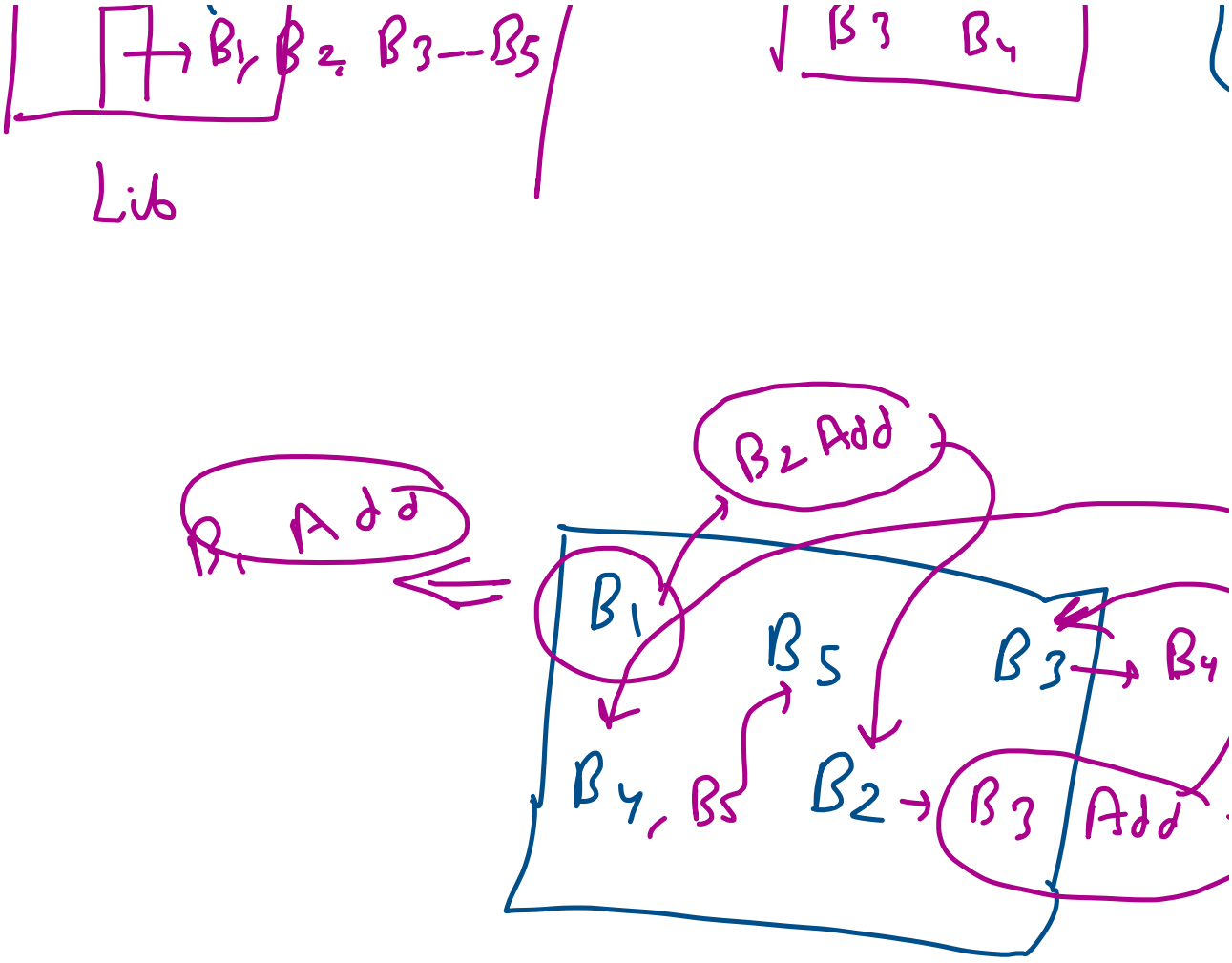
06 February 2024 13:22

LINKED LIST

- D.S
- Similar to Array
- (non-Contiguous)

L.L is a D.S, similar to Ar
where each nodes interco
to next node through memor
Address.

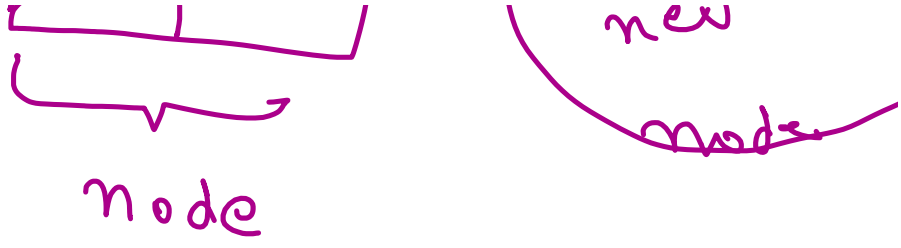


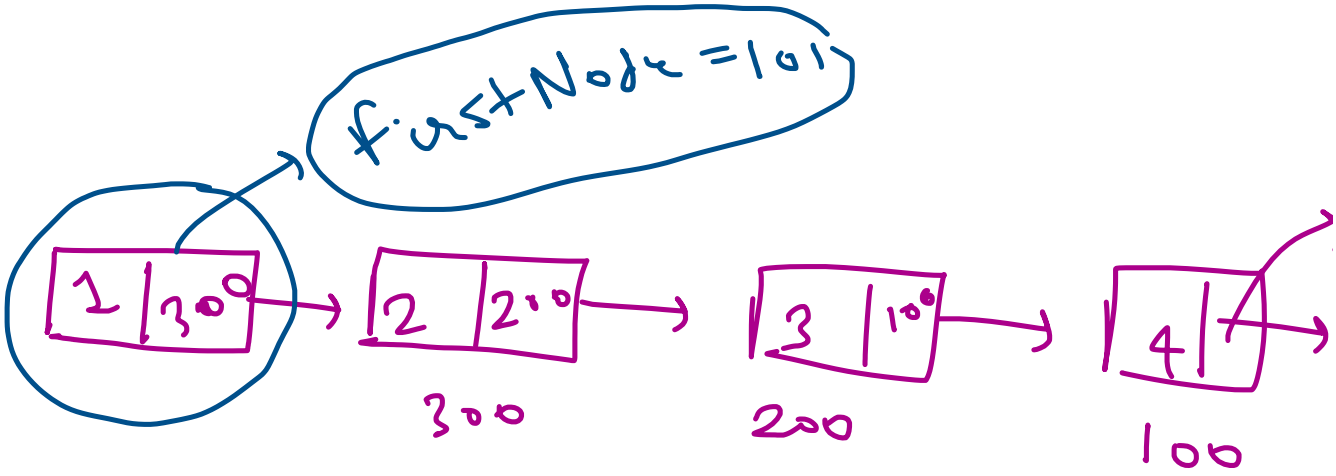

B1 B2 B3--B5
Lib
B3 B4
B2 Add
B1 Add
B1
B5
B3
B4
B4, B5
B2
B3
Add


Array
D.5

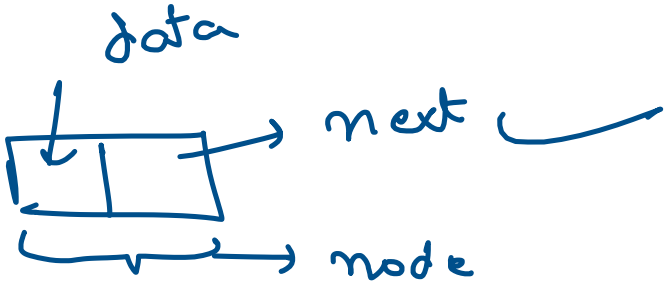

B1
B2 Add.
Data
Add


Data
Add.

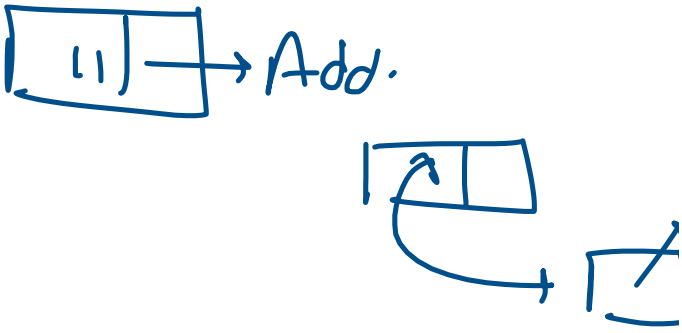




TASK I :



TASK II :




```
class node {

    int data;

    node next;
```

}

class node {

int data;

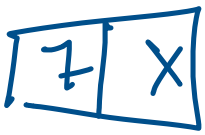
node next;

node(value) {

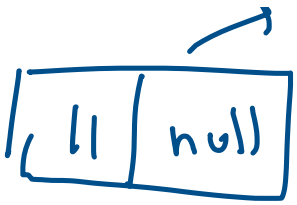
this. data = va

this. next =

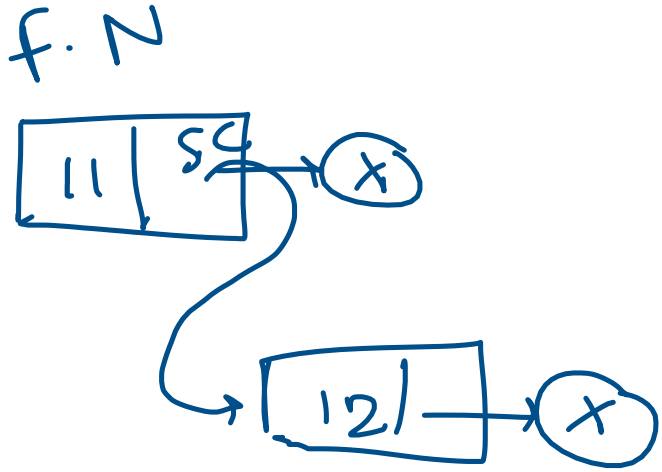
}



. linked node



node

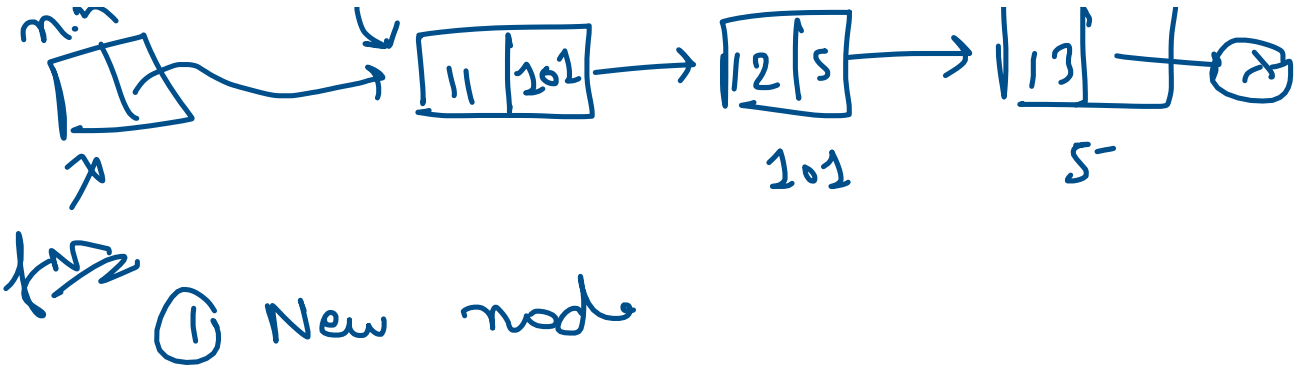


S.C

Operation

- Insertion
- Deletion

firstNode



① New node