

## Data Structure

5 → 3 → 2 → 4 → 1

↑  
front  
⌚

↓

1 → 2 → 3 → 4 → 5

type  
↓

↑  
front

int tmp = 5 ;

1   2   3   4   5

requirements

→ समझ रहे हैं clear vision

→ पढ़ रहे हैं clear vision

List/Linked List  
 Array

~~Linear Search~~

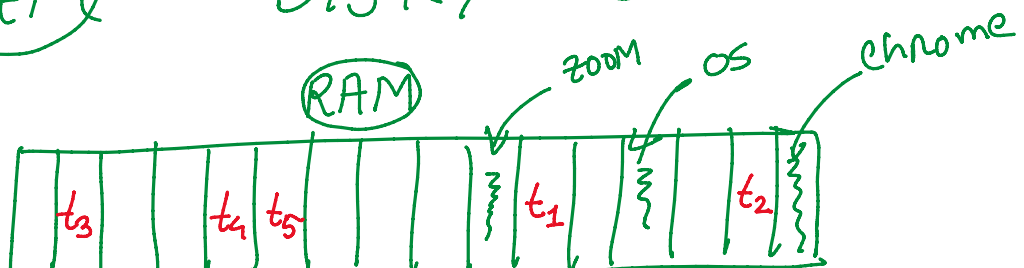
(A to C)

~~Order~~

5.41

✓  
 RAM

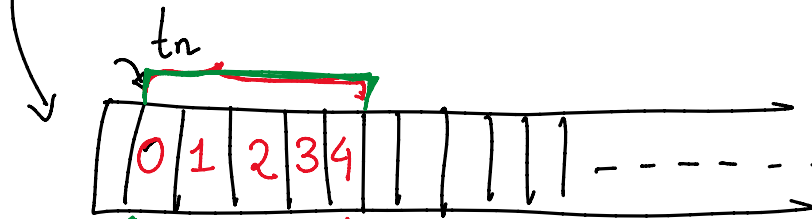
DISK/SSD





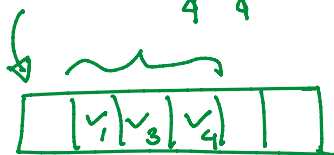
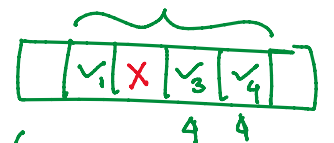
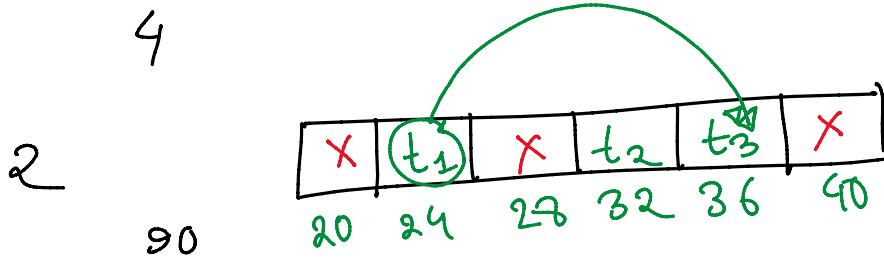
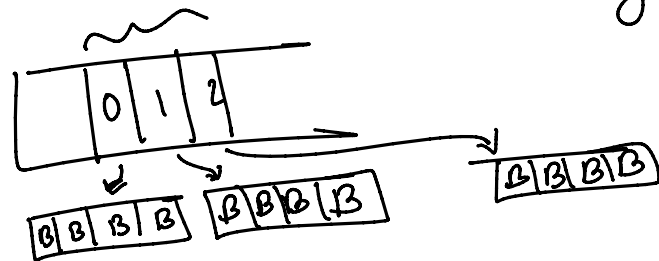
$t_1$   $t_2$   $t_3$   $t_4$   $t_5$   
 10 -5 2 0 100

ARRAY → a sequential data structure



integer → 4 byte  
4B

$t_n[0]$  location → 272760320  
 $t_n[1]$  → 272760324



$t_1$  36  
 $t_2$  36  
 $t_3$  null

1 → 2 → 3 → 4 → 5

1 2 3 4 5

- 1) Array
- 2) Linked list

C/C++

