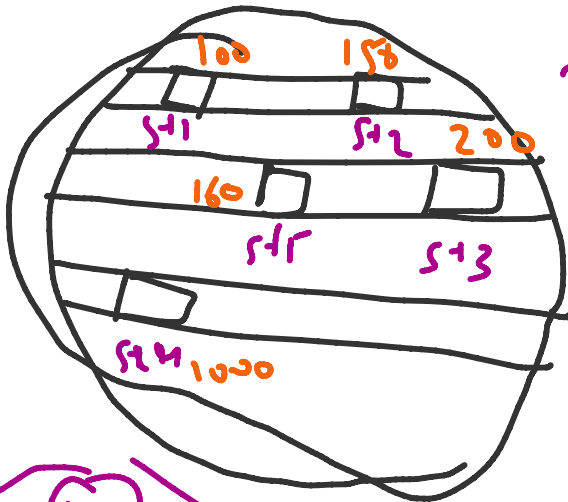


Arrays

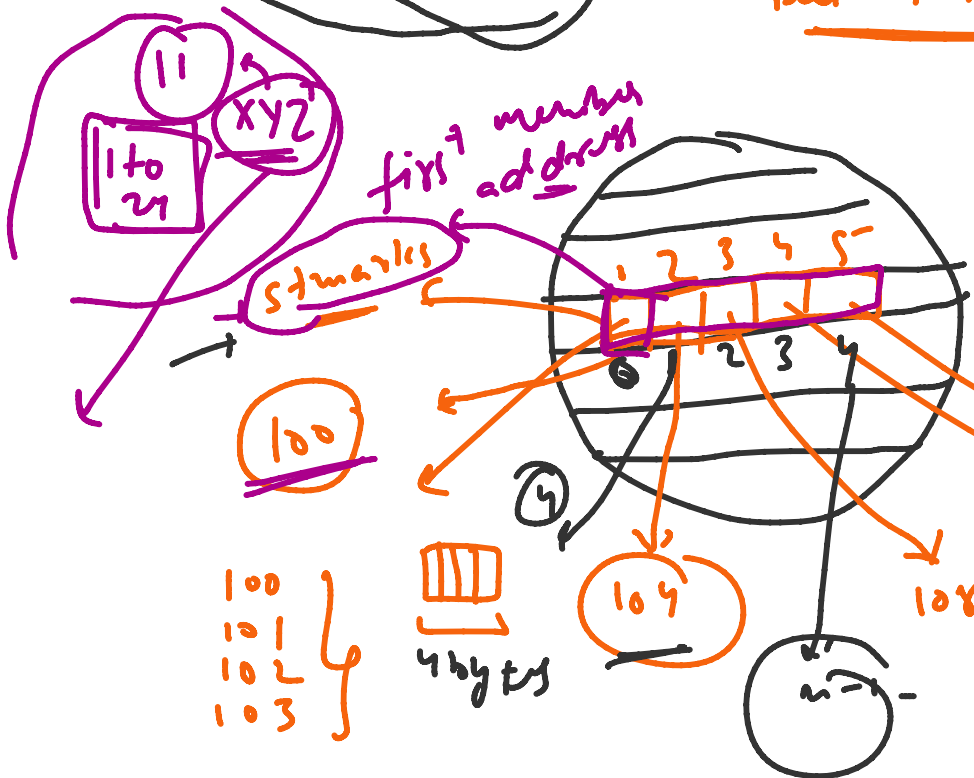
13 June 2023 20:00



→ when we were making 5 containers for storing 5 students marks.

int → 4 bytes ptr | xyz society

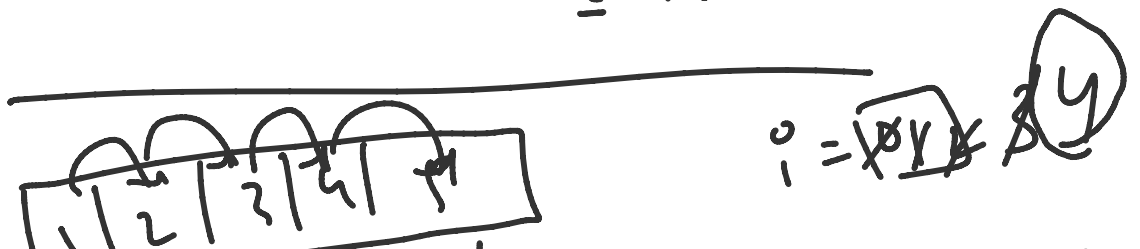
In case of array contiguous memory blocks are assigned.



{ plot no. 100
{ xyz society Dwerke sec 10, New Delhi }

ptr 1 (xyz society)

1 ptr = 400 sq yds.
↓
400 sq yds
2 ptr



1	2	3	4	5
0	1	2	3	4

search == arr[i]
 ↙ ↘
 break

search = 5

x
x
x
x
x
✓

i = 4

0	1	2	3	4
1	2	3	4	5

i = 5
 search = 6

search == arr[i]
 6

1 x
2 x
3 x

4x 5x

i = 5

if i → 5
 becomes equal to n;
 then I can safely
 say that element
 is not present

```

largest = first_no;
while (i <= n-1)
    i/p: newno.
    if newno > largest
        largest = newno;

```

99	13	1	2	0	100
----	----	---	---	---	-----

inc ↑

0, 1, 2, 13, 99, 100.

dec ↓

100, 99, 13, 2, 1, 0

