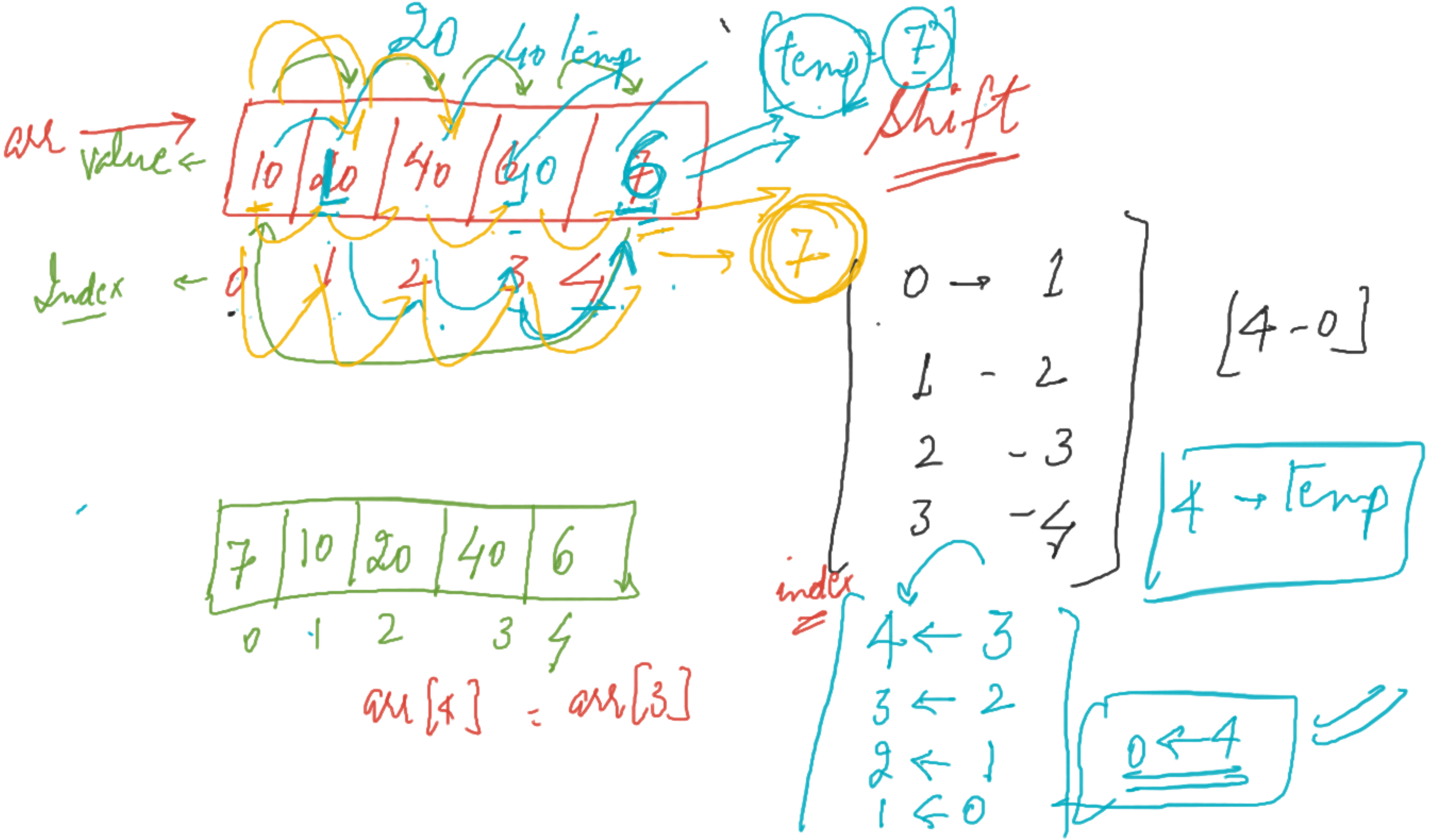
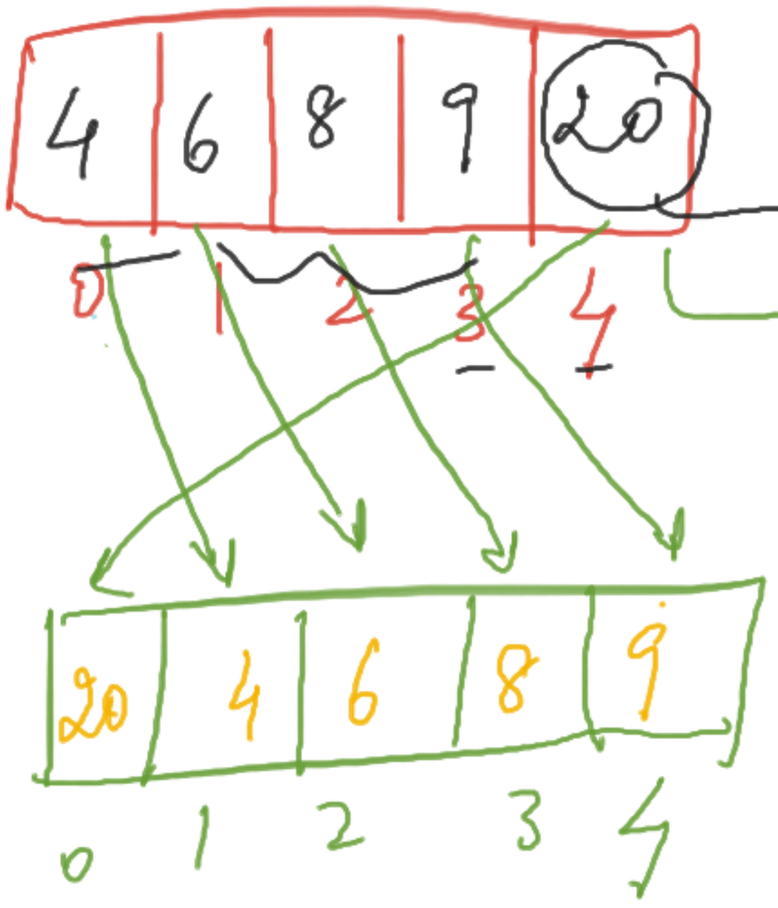

20
40
temp
7
Shift
arr
value
10
20
40
40
6
Index
0
1
2
3
4
7
0 → 1
1 - 2
2 - 3
3 - 4
[4-0]
4 → temp
7
10
20
40
6
0
1
2
3
4
arr[4] = arr[3]
index
4 ← 3
3 ← 2
2 ← 1
1 ← 0
0 ← 4

Right Shift.

Arraylength : Total No of Elements



arr[ ] ← arr[ ]

4 ← 3

arr.length-(i+1)

3 ← 2

2 ← 1

1 ← 0

Totallength : 5

(arr.length)

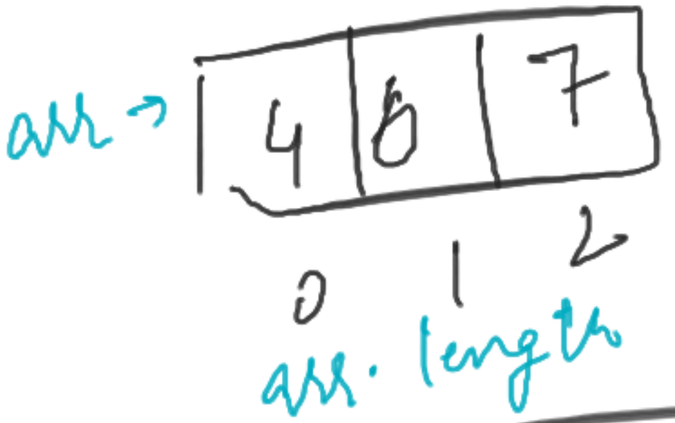
0 < 5

[0,1,2,3,4]

Last Index No →

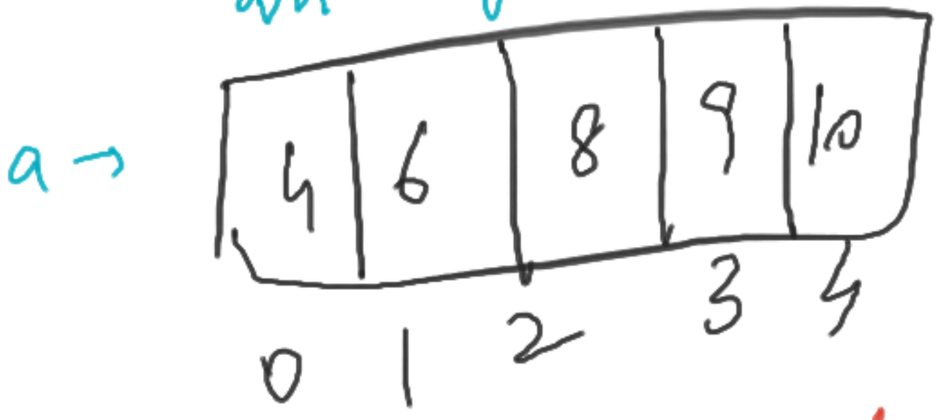
How many times Loop [0 ← 4]

i=0 , i <= arr.length-1 ; i++



→ 3

arr.length



Arrays StartsWith = 0

arr.length → (3) →

Last Index = totalLength - 1

→ arr.length → 5

last Index = totalLength - 1

↓

array.length - 1

a.length - 1

5 → arr.length

n

arr.length - (i + 1)

5 - (0+1) = 5-1

5 - (1+1) = 5-2

5 - (2+1) = 5-3

4 → arr.length - 1 → (5-1)

3 → (5-2)

2 → (5-3)

1 → (5-4)

i = 0; i < 4

i = 0

i = 1

2

3

4

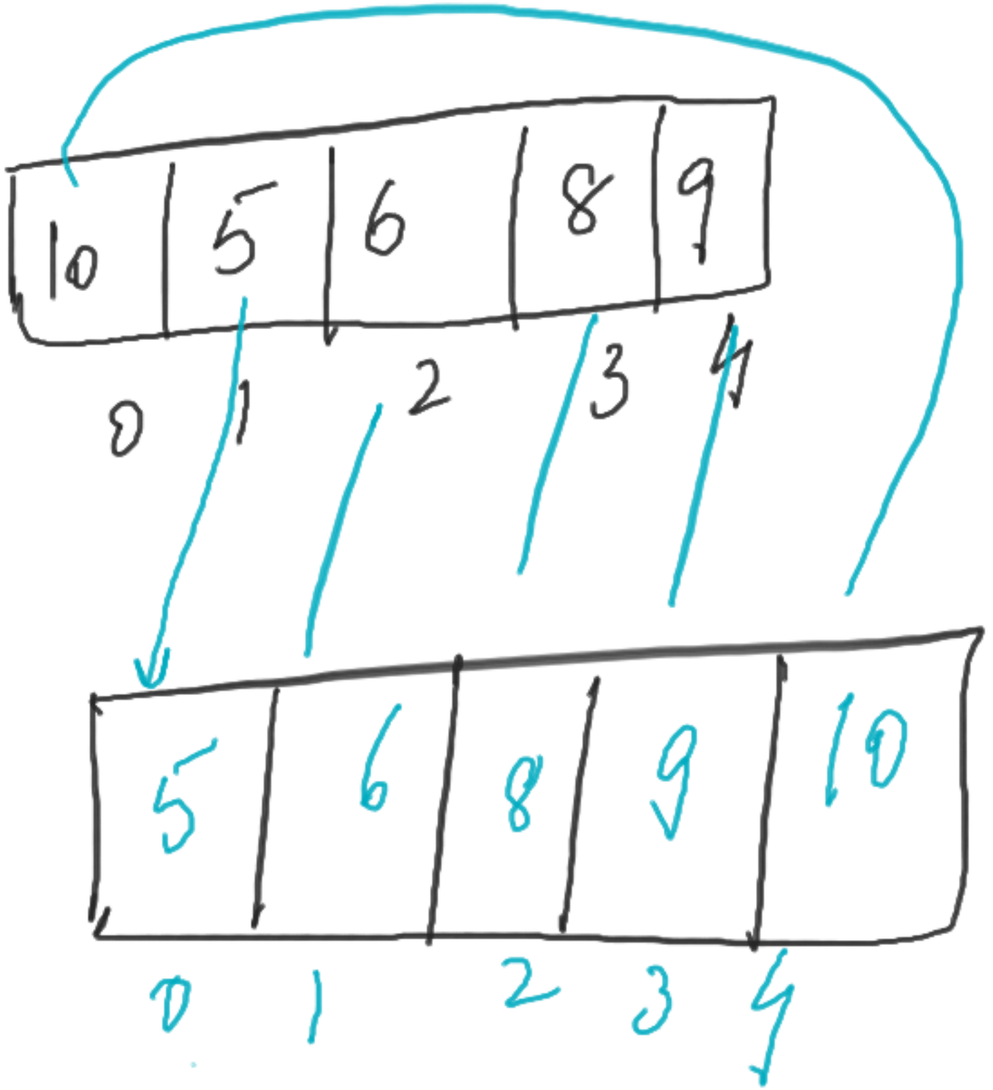
Array Length

Last Index No.

First Index → 0

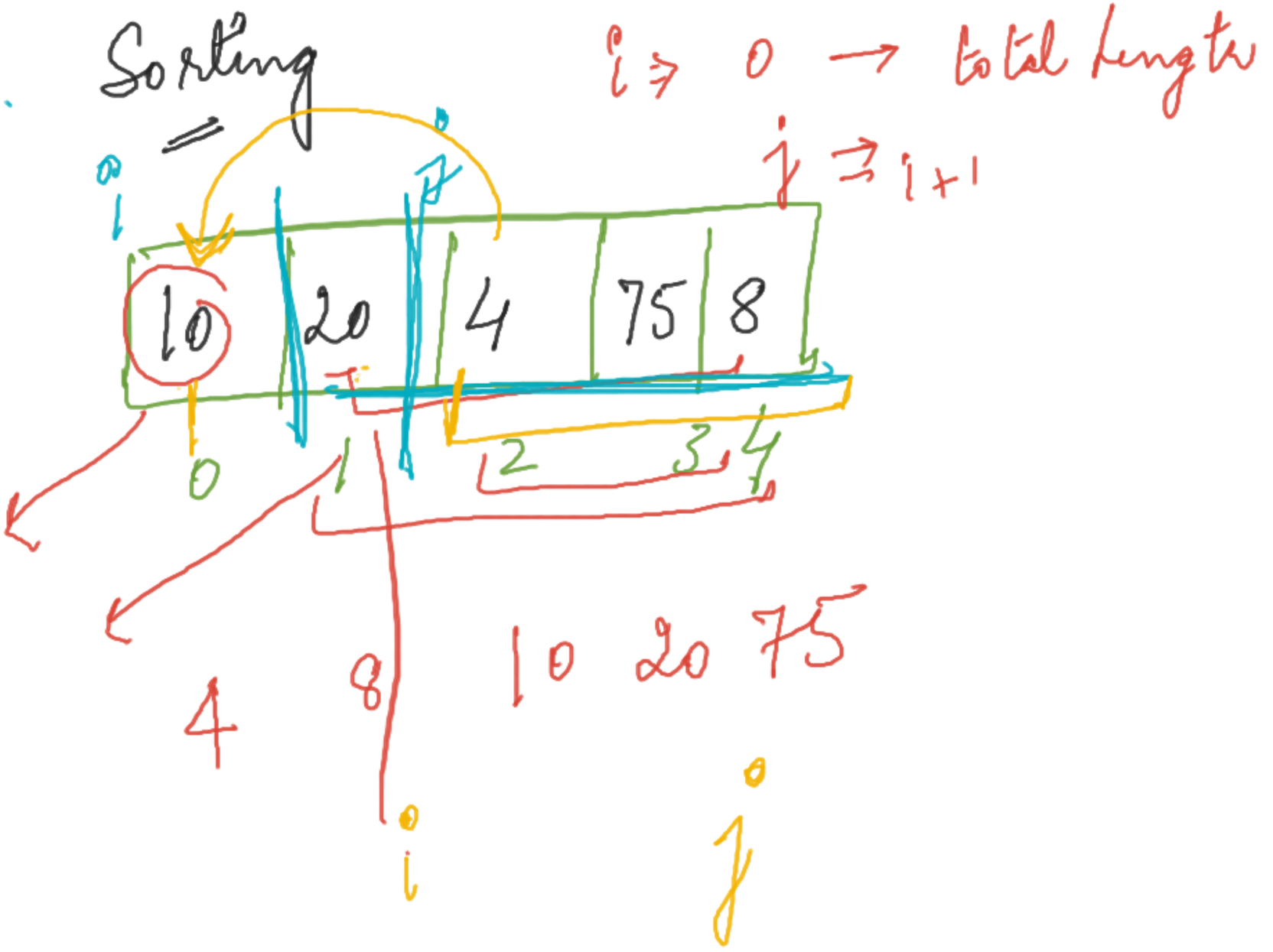
Assignment:

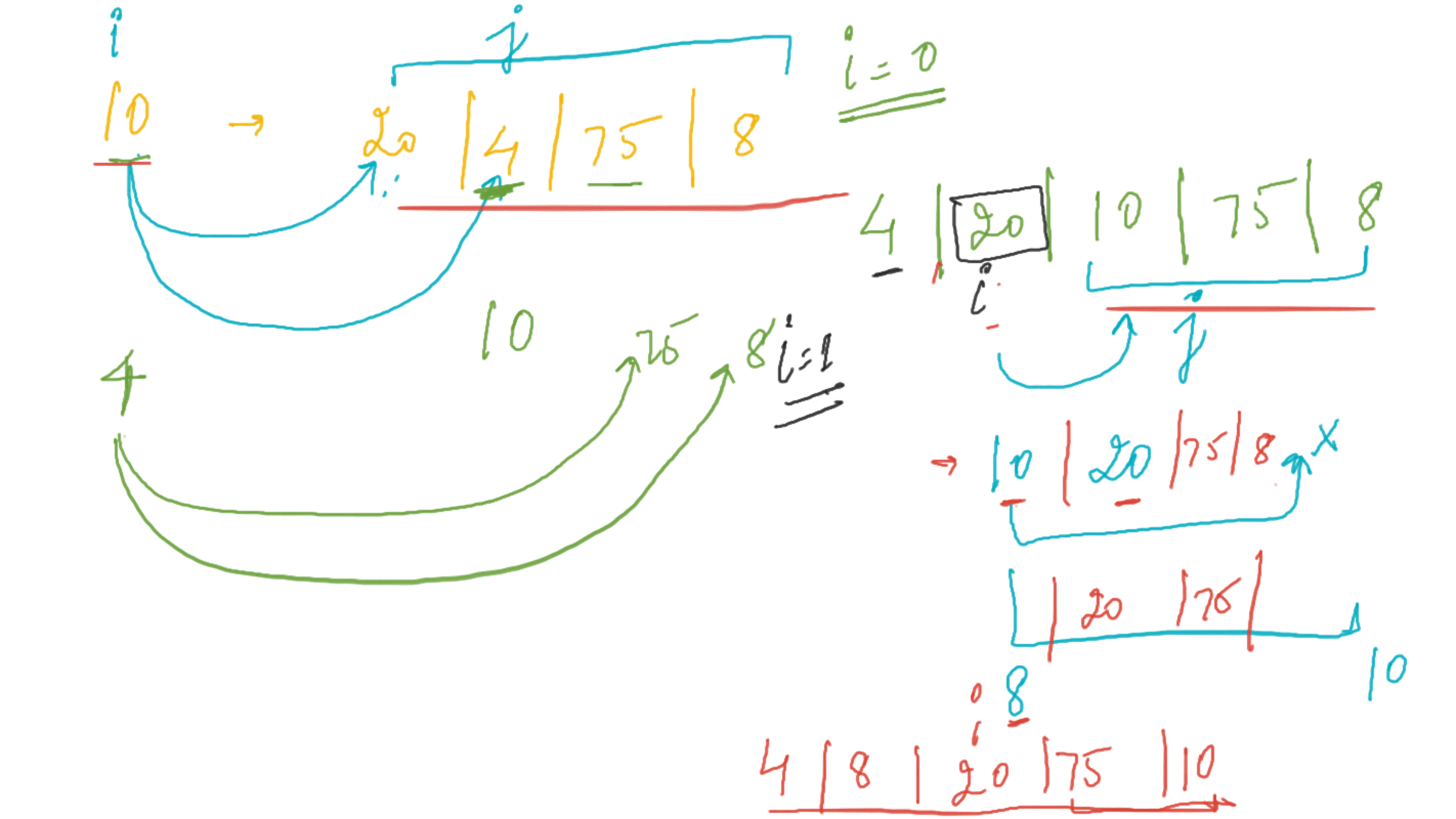
Left Shift Arrays

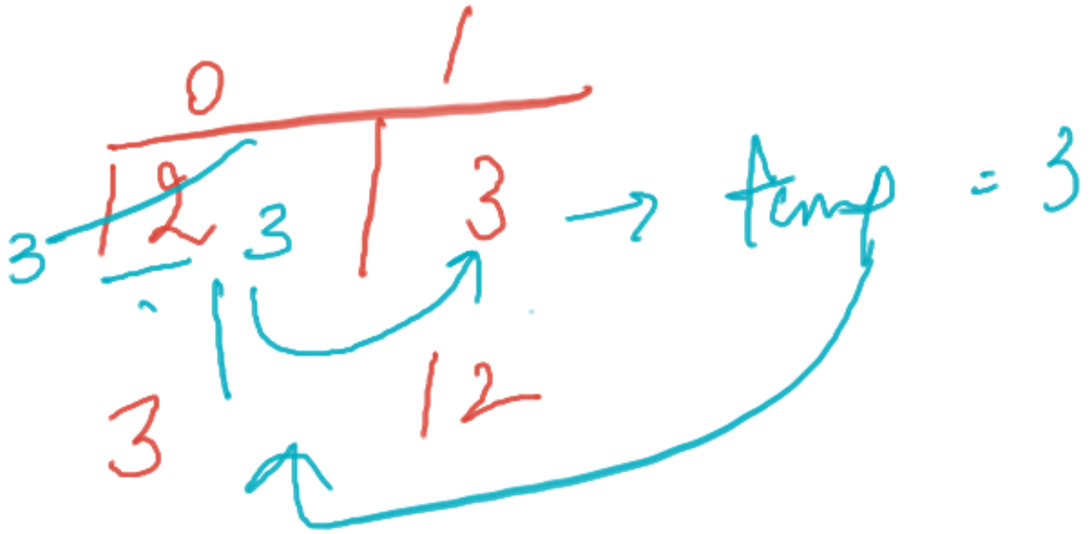


Nested Loop

Sorting




i
j
i = 0
10
20 | 4 | 75 | 8
4 | 20 | 10 | 75 | 8
i
j
10
4
20
8
i = 1
10 | 20 | 75 | 8
X
20 | 75
10
8
4 | 8 | 20 | 75 | 10



x = 10

y = 20

k = 0;

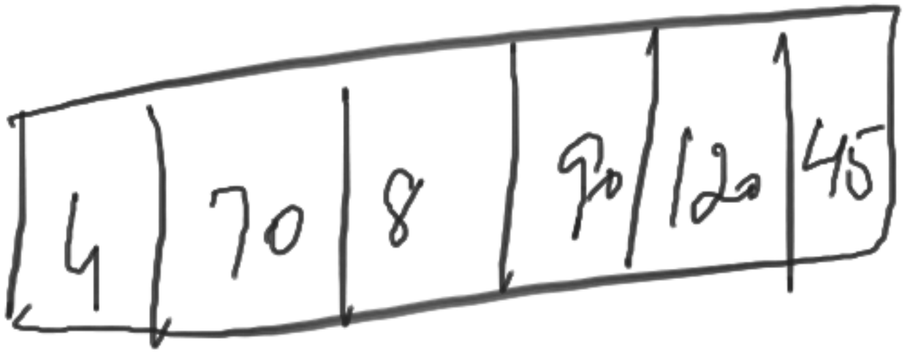
value

arr[0], arr[ ]

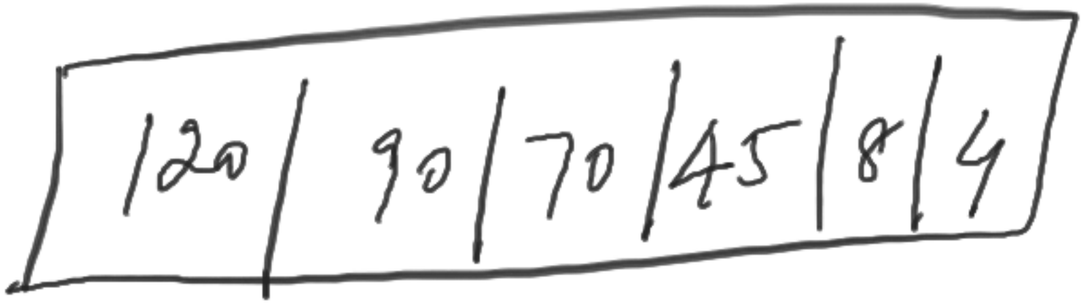
c = x

x = y

y = c



Sorting DESC



Array → Session 1 → 2-D Arrays

String → Programs

↓ Loops + Array + String → M.Prog - M/m level program

OOPS → Prog. → Selenium → framework

70% + 30%

Loops

Interview 50% + 50%

OOPS.