Lecture 15

10 December 2022 10:27

A.L

↳ 1) Intersection of 2 Arrays

arr1 = [4, 5, 10, 10, 15, 25, 28, 30, 35]

arr2 = [2, 3, 5, 10, 10, 10, 20, 25, 35, 40]

---

2) Add 2 Arrays $0 \le arr[i] \le 9$

arr1 = [5, 6, 8, 1]

arr2 = [2, 7, 3]

res = [5, 9, 5, 4]

5681
273
5954

1 5 →

+5
5

a1 : [1, 5, 6, 8, 1]

a2 : [-, -, 2, 7, 3]

1 5 6 8 1
0 0 2 7 3
1 5 9 5 4

5, 4

res :

n = 50

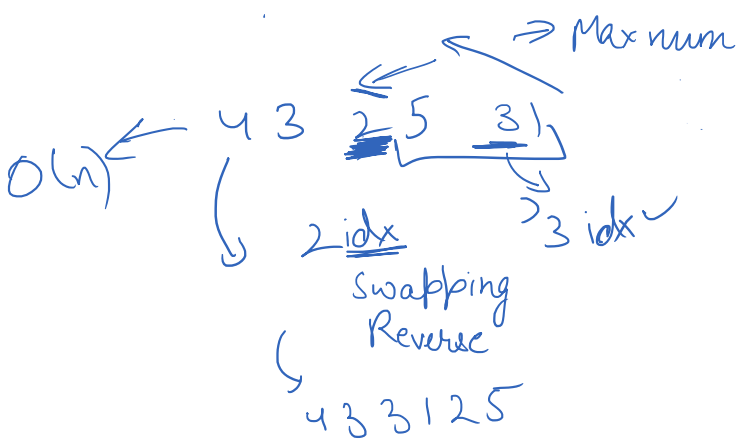
res

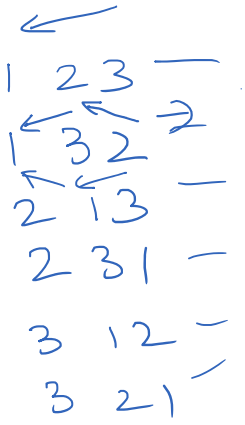
if(n > 50) {
res = Pass
} else {
res = Fail
}

→ (condn) ? (res1) : (res2);
True False

res = (n > 50) ? Pass : Fail

↳ Ternary Operators


Max num
O(n)
4 3 2 5 3 1
2 idx
3 idx
Swapping
Reverse
4 3 3 1 2 5


1 2 3
1 3 2
2 1 3
2 3 1
3 1 2
3 2 1