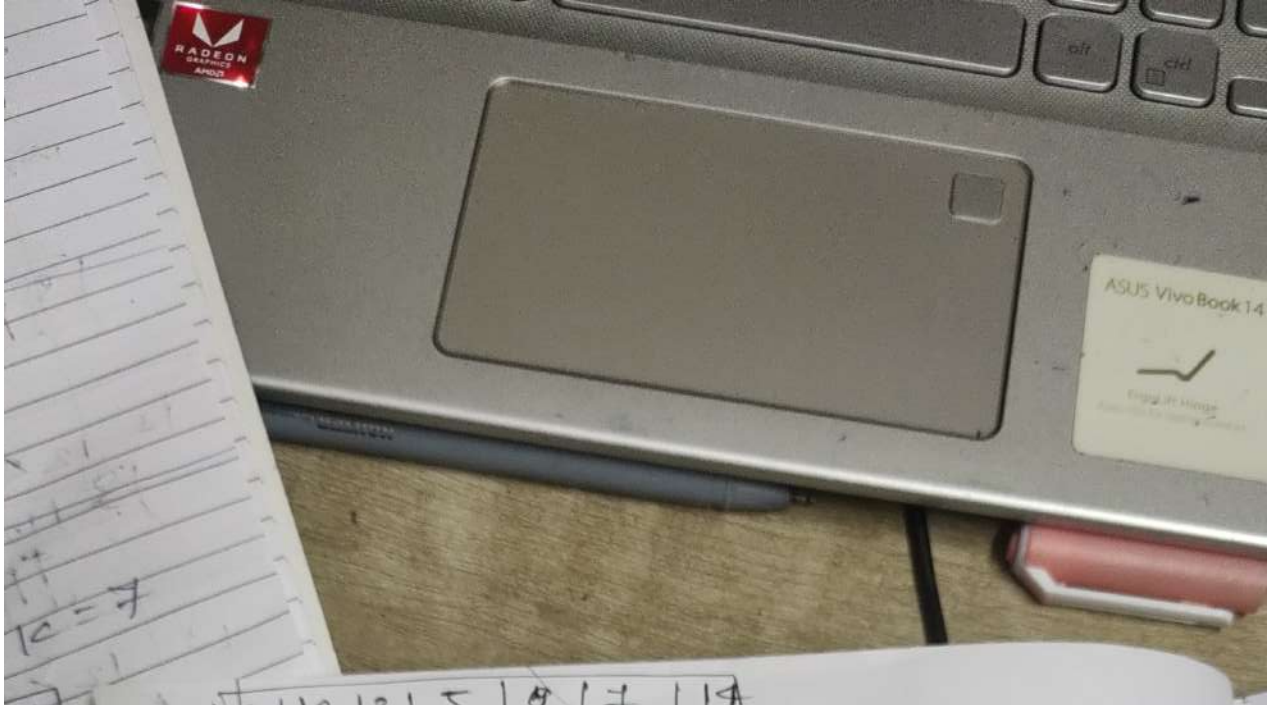


8	12	3	5	9	7	14

i, k, j

1ST PASS

DATE

is 8 > 12 ✗

8	12	3	5	9	7	14

i, k, j

is 8 > 3 ✓

then k = j

8	12	3	5	9	7	14

i, k, j

is 3 > 5 ✗

8	12	3	5	9	7	14

i, k, j

is 3 > 9 ✗

8	12	3	5	9	7	14

i, k, j

is 3 > 7 ✗

8	12	3	5	9	7	14

i, k, j

now "length finished" is 3 > 14 ✗

∴ swap "j" and "k"

DATE

3	12	8	5	9	7	14
SORTED	i	k	j			

2nd pass

3	12	8	5	9	7	14

is 12 > 8 ✓

∴ then k = j means k = 8

3	12	8	5	9	7	14
	i	k	j			

is 8 > 5 ✓

then k = j means k = 5

3	12	8	5	9	7	14
	i	k	j			

is 5 > 9 ✗

3	12	8	5	9	7	14
	i	k	8	j		

is 5 > 7 ✗

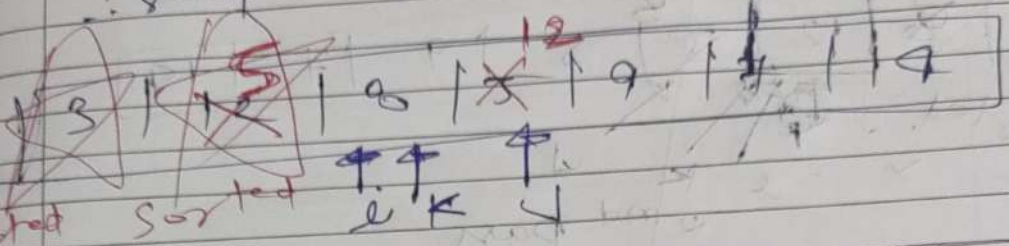
3	12	8	5	9	7	14
	i	k			j	

PAGE

is 5 > 14 ✗

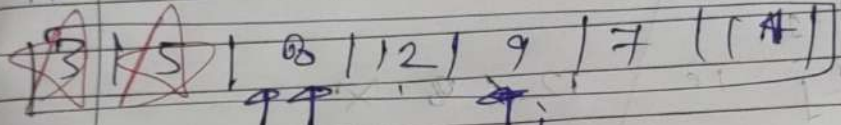
now j length finished

∴ swap i and k

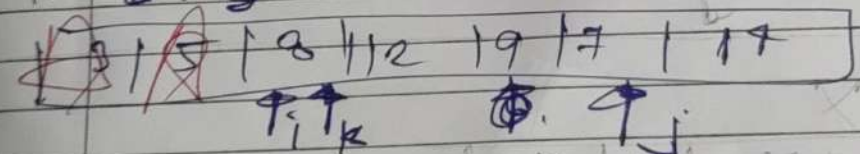


3rd pass

is 8 > 12 ✗

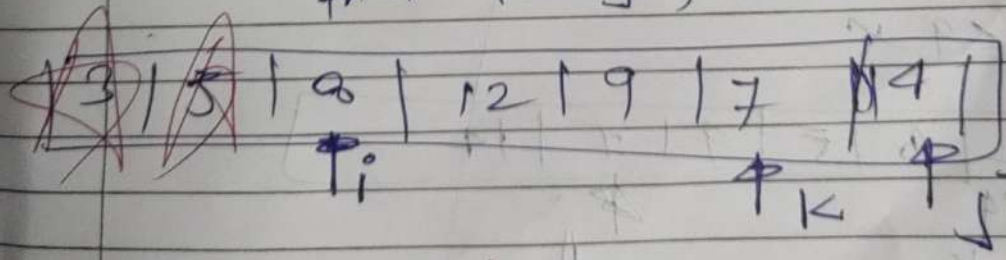


is 8 > 9 ✗



is 8 > 7 ✓

then k = j, mean k = 7



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