

① Leetcode → Leetcode
Brain storming → X ✓ → X → assignment

Leetcode → 2200
→ gfg →

code

②

↓
Login

Leetcode X

① → Login
signup

2-3

→ Store main

882

410

410

9-930 → 2.00 → 1.30

① code

stackover flow



4 $\xrightarrow{\quad}$ 8
 1 3 5 7
 4 $\xrightarrow{\quad}$ m
 2 4 6 8

Que:- we have merge this array

method - 1

- ① Create a new array of size $(m+n)$;
- ② We have to copy all the elements in the new array.
- ③ Sort the new array in ascending order.

①

1	3	5	7
---	---	---	---

②

2	4	6	8
---	---	---	---

new

1	3	5	7	2	4	6	8
---	---	---	---	---	---	---	---

 \downarrow

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

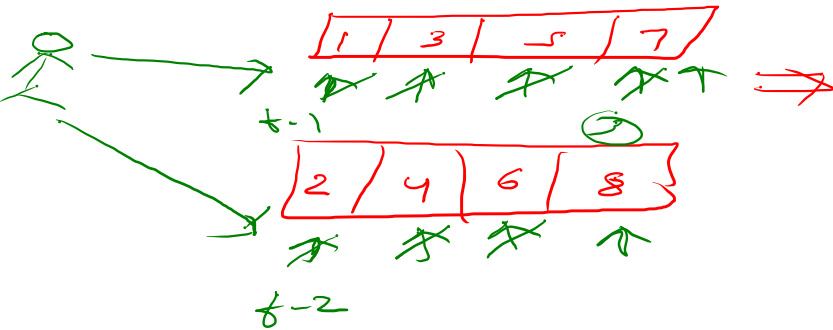
T.C $\rightarrow O(n \log n)$

15-20

m-2:

① Two pointers Approach

count = ~~1~~ 2 3 ~~4~~ 5 6 7

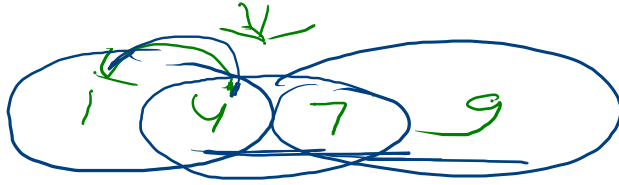


4
9 4 1 7
2

9 4 1 7

$k=3$

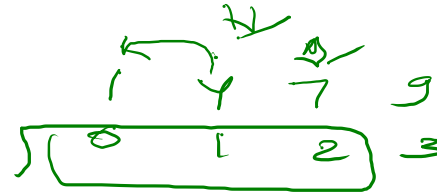
1 2 3 4 5 6 7



$4 - 2$

9 4 1 7

$k=2$



1 4
4 7

7 9

ans = Integer.MAX_VALUE

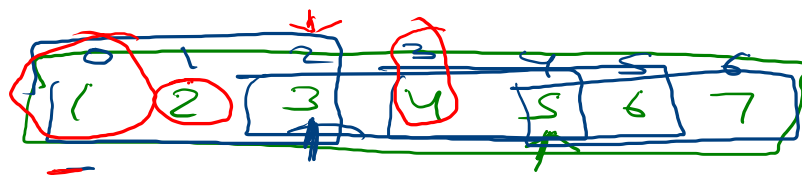
$[i + k - 1], arr[i]$
 $0 + 2 - 1$
 $2 - 1 = 1 \rightarrow arr[0]$

L H

1 4 \Rightarrow 3

4 7 \Rightarrow 3

7 9 \Rightarrow 2



$$n = 7$$

$$k = 3$$

$$n - k = 7 - 3 = 4$$

$$1 \ 2 \ 3 = 2$$

$$3 \ 4 \ 5 = 2$$

$$4 \ 5 \ 6$$

$$5 \ 6 \ 7$$

for(int i=0; i <= n-k; i++)

max(max(arr[i], i+k-1)

$$6 + 3 - 1$$

$$1 + 2 - 1$$

$$2$$

$$1 + 3 - 1$$

$$4 - 1 = 3$$

Wave form

7
10 90 49 2 1 5 23



① sort this array

1 2 5 10 23 49 90

② swap the adjacent position

2	1	10	5	49	23	90
---	---	----	---	----	----	----

4
4 46 8 9

10

59

9 + 8
9 + 6 98
6 + 9
8 + 9 89

① Convert this whole array in string

11

② sort

8468

98464

468
846

sb sb = new sb()

sb.

ret

464
446