

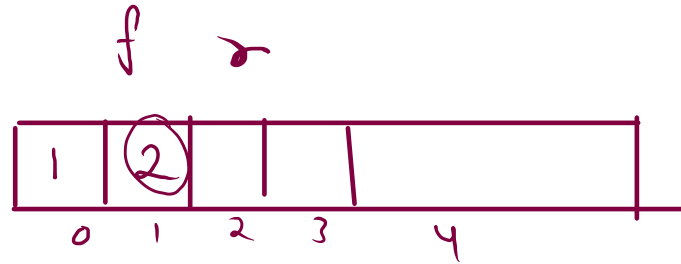
Revision.

FIFO ✓

B

C

qu.add(x);
qu.remove();
qu.peak();
qu.size();



$$r - f = (2 - 0) = 2$$

1 2 3

$$s = r - f = 2 - 1 = 1$$

first negative integer in window size k

k=2

-8 2 3 -6 10

Total window

$n-k+1$

$5-2+1$

-8 0 -6 -6

k=2

k=2



0 → k

if $(A[i] < 0)$

add(i)

ans ~~print~~

check & remove

add current (ele) < 0

A[0]

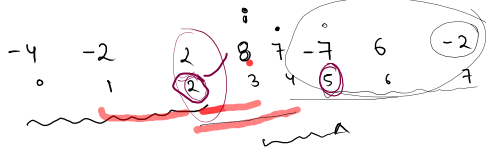
A[2]

A[3]

A[5]

-8 -2 -2 -4 -6 ✓

k=3



k=3

i k

$i-k+1$

$5-3+1$

$2+1=3$

≤ 3

5 7

A[0]

A[1]

A[4]

A[5]

-4

-2

0

-7

-7

-7

Priority Queue.

min

max

pq.size() → 1

pq.peek()

pq.remove() → 10

pq.remove() → 20

pq.add(80);

Array, sort.
ascending.

pq.add(80)

