11th March

11 March 2022 21:09

Queue :-

1 2 3 4 5 6

1 2 3 4 5

FIFO

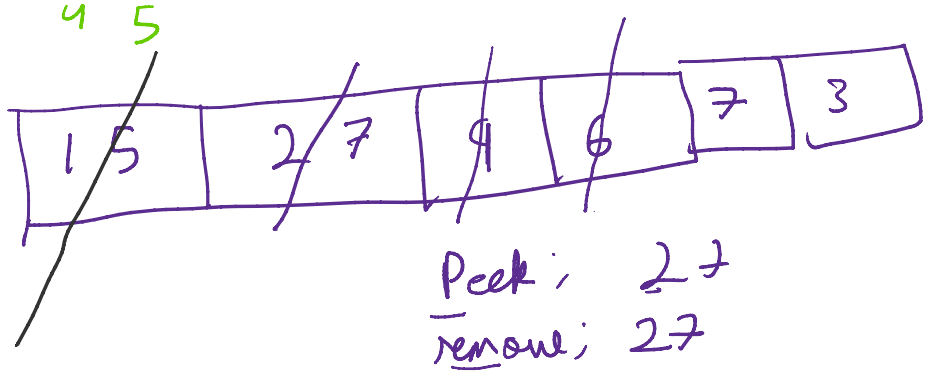
7

=) add ( ) - O(1)

=) remove ( ) - O(n)

=) Peek() - O(1)

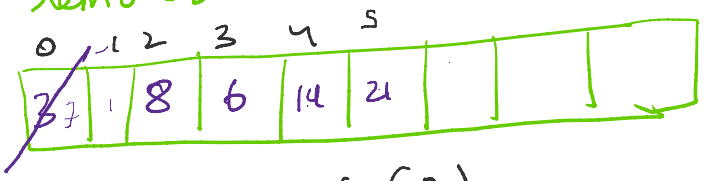
=) Size() - O(1)



Peek ; 27
remove ; 27
Peek 9
Peek 9
remove 9
remove 6

remove :-

ans = 3

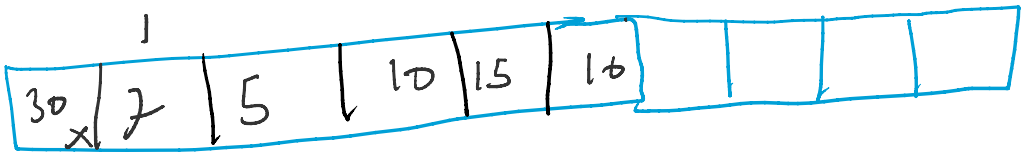


O(n)

2

H.W.- Implement Queue using LL.

Queue using AL with remove of O(1)



Size = 6
front = 1
Peek() // 30
remove() // 30
Peek()

Sum = 60
curSum = ~~60 45 45~~ 32

K = 3

20, 30, 10, 5, 17, 18