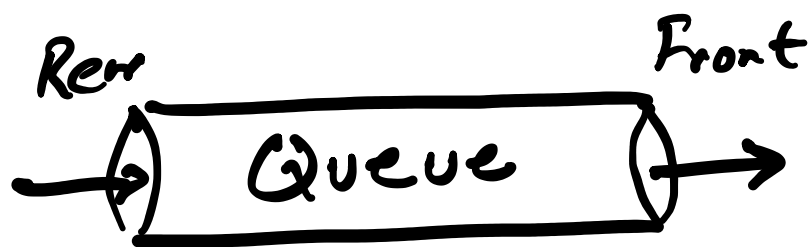


Queue ADT

Thursday, 26 November 2020

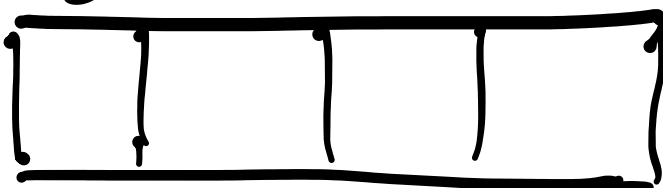
1:22 PM



FIFO

Delete 0 1 2 3 Front Pointer

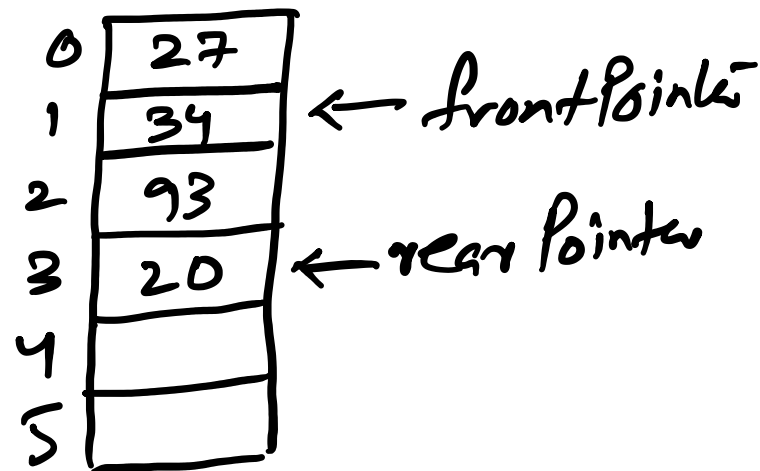
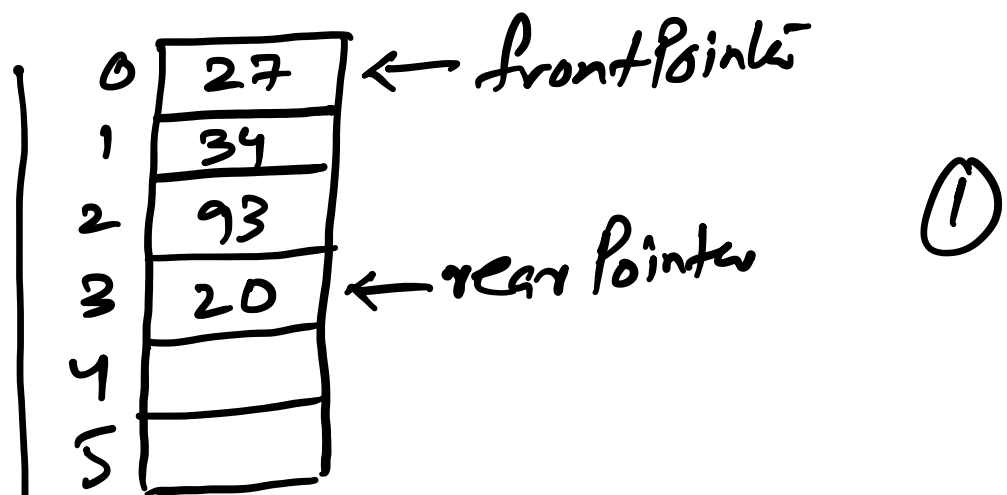
Insert



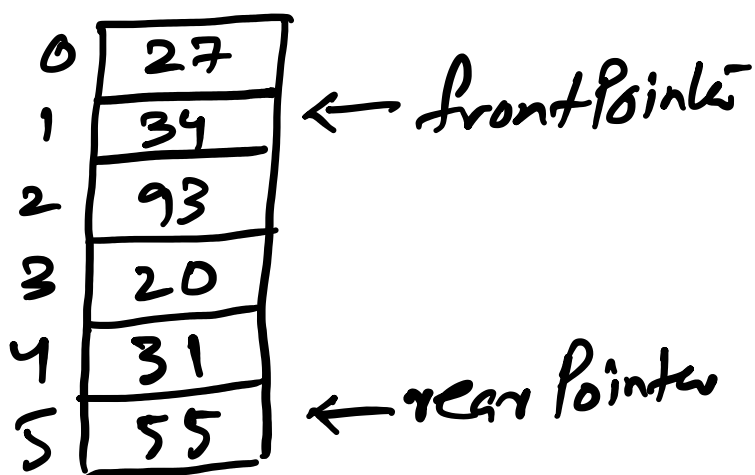
Rear Pointer

Delete (dequeue)

Insert (enqueue)

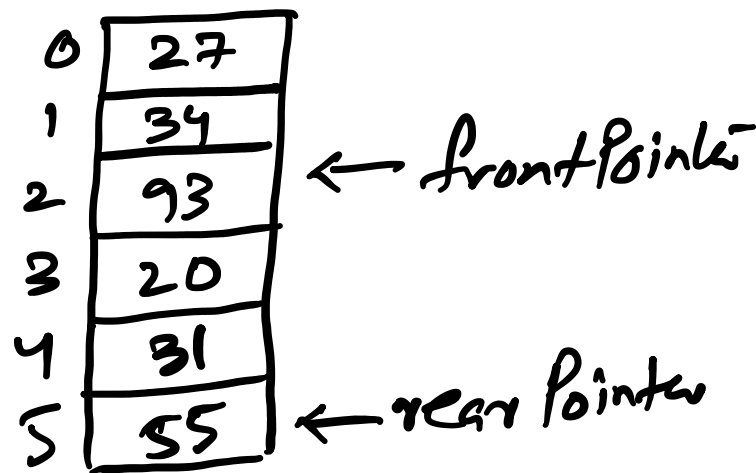


dequeue
27 will be removed

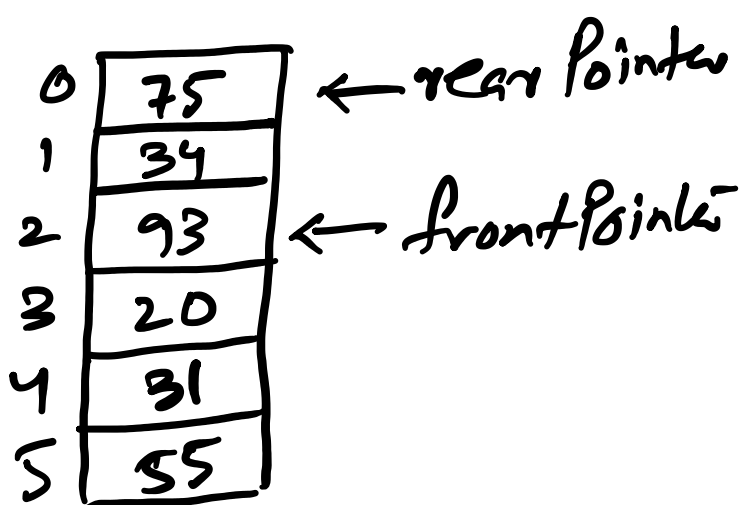


Enqueue

31 is added.
55 is added



dequeue
34 is removed.



Enqueue

75 is added.

Length of the queue is a count starts from Front Pointer and ends at Rear Pointer. It is not the length of array by which queue is limited.