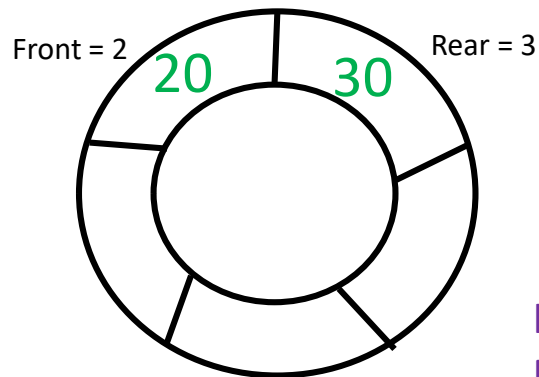
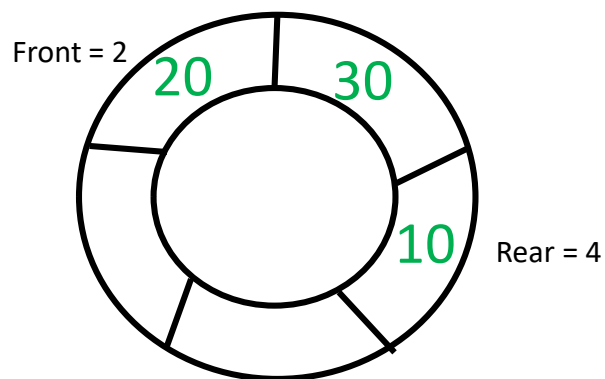


## Circular Queue with fixed size 5

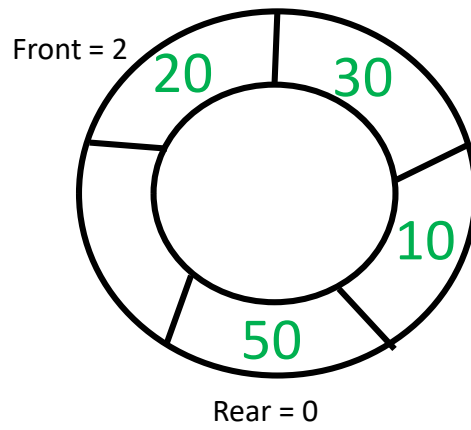


Here I am considering  
Front at 2<sup>nd</sup> position  
and Rear at 3<sup>rd</sup> position

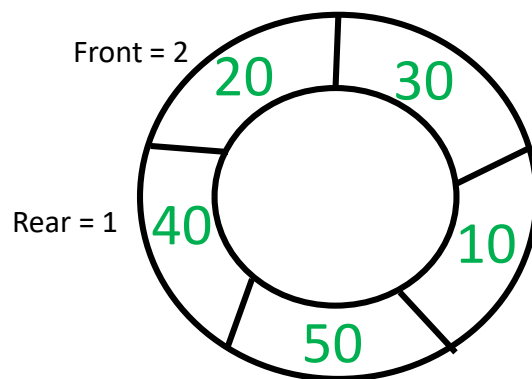
## Enqueue(10)



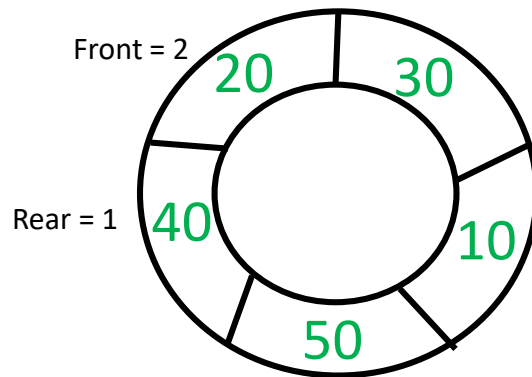
**Enqueue(50)**



**Enqueue(40)**

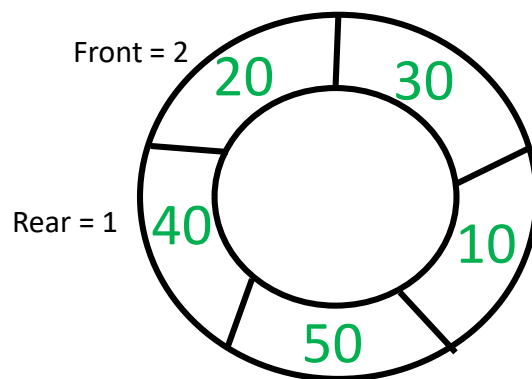


## Enqueue(100)

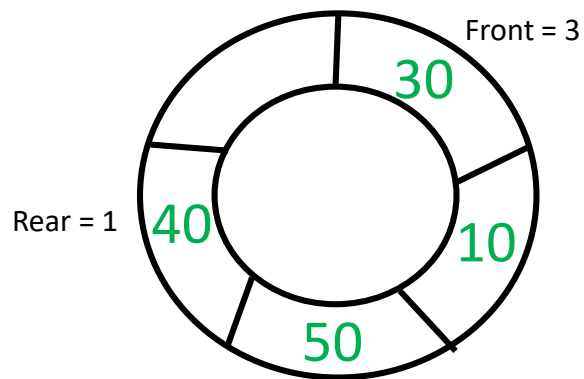


Prints **queue is full** as rear reached the position before the front. So, we can't insert another element

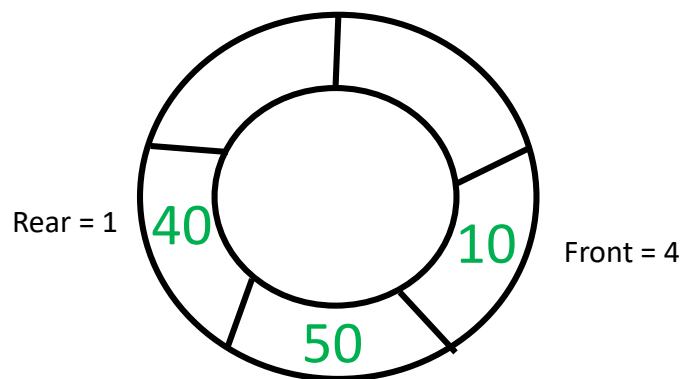
## Circular Queue with fixed size 5



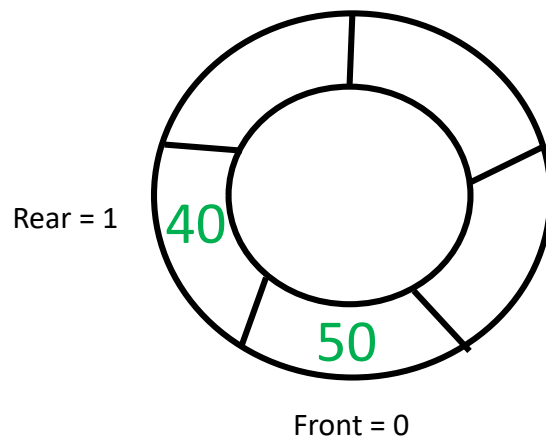
**Dequeue()**



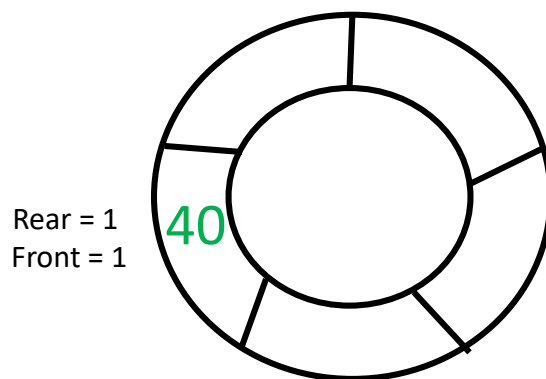
**Dequeue()**



**Dequeue()**



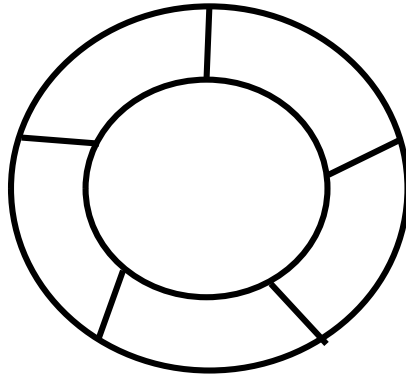
**Dequeue()**



## Dequeue()

Rear = -1

Front = -1



It prints **queue is empty**  
since there are no  
elements to delete