Week 4 → Circular Queue. implementation

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A [SIZE]
front = -1
rear = -1

IsFull()
{
  if (front == (front +1) % N)
    return True
  else
    return False
}

IsEmpty()
{
  if (front == -1 && rear == -1)
    return True
  else
    return False

OR Insert()
{
  if (IsFull())
    printf(" Q is full")
  else if (IsEmpty())
    front ← rear ← 0
  else
    rear ← (rear +1) % N
      A [rear] = x
}

```
Deletion ()
{
    if (Is Empty () )
       printf ("Q is Empty ")
    else if (front == rear )
          x <- A [front]
       front <- rear <- -1
    else
       (x <- A [front]
       front <- (front +1) "/. N
       }

    return x
}


Display ()

    */ display all the elements in cir. Queue. /*

Exit()
........

}
```