circular queue pseudo.

```
A[SIZE]
FRONT = -1
REAR = -1

is_Full()
{
  if (front == (front+1) %.N)
      return True
    else.
      return false.
}
   is empty ()
  {
   if (front == -1 && rear == -1
                return true
          else
          return false
Enqueue(x)
    {
       if (is full ())
print("Q is full")
    else if (is empty())
      front <- rear <0
        else
      rear <(rear+1)%N
        A[rear] = x
}.
```

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```
Dequeue()
{
  if(isEmpty())
  Printf("Q is empty")
  else if(front == rear)
     x <- A[front]
       front <- rear <- -1
  else
  { x <- A[front]
  front <- (front+1)%N.
       }
       return x }
```