

ENQUEUE(Q, x)

```
1   $Q[Q.tail] = x$   
2  if  $Q.tail == Q.size$   
3       $Q.tail = 1$   
4  else  $Q.tail = Q.tail + 1$ 
```

DEQUEUE(Q)

```
1   $x = Q[Q.head]$   
2  if  $Q.head == Q.size$   
3       $Q.head = 1$   
4  else  $Q.head = Q.head + 1$   
5  return  $x$ 
```