

Queue (fifo)

A queue is an ADT with the following operations

- **enqueue**(x, Q): adds x to the tail (=end) of the queue.
- **dequeue**(Q): removes x from the head of the queue and returns x (**null** otherwise)
- **head**(Q): returns the object from the head of the queue (**null** otherwise)
- **isEmpty**(Q): return **true** if the queue is empty, otherwise **false**
- **emptyQueue**(): returns empty queue.