**QUEUES**

Queues

* First In First Out (remember stacks = L I F O)

Characteristic Operations:

* **Enqueue(Queue q, Item it)** add item onto queue
* **Item it = dequeue(Queue q)** remove item from stack

Other possible operations:

* **isEmpty(Queue q)** queue contains no items
* **Length(Queue q)** how many items in queue
* **Show(Queue q)** display queue on stdout
* **Queue q = newQueue()** create new empty queue
* **dropQueue(Queue q)** release queue data

Queue implementations

* As a linked list:
  + Pointer to first element of the list
  + Pointer to last element of the list
  + Dequeue = take off FIRST element
  + Enqueue = add to LAST element
* As an array: