Queue:

Add things first and as you add more, they go on the tail.

Queue:

new()

add(4)

add(31)

add(15)

←-4---31--15→

rem()

← 31 --- 15 →

axioms (non-canonical applied to canonical)

**Queue vs. Stack**

The difference between the two are the axioms

HW:

What to do with a bounded queue.

**Lists**:

Lists have a location, so when you add items, you need to add it’s location too.

When you add things, everything else it moves back. For example, if you’ve got an item at 0, and add another at 0, the former 0 element moves down to 1.

If this were an array, you would stomp out the old item, but in a list, everything moves when you stick it in the middle.