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Lab-5

ATD Queue test case:

**Operations Input Values Expected Output**

*Constructor:*

*Call with maxSize parameter 5 void*

*isEmpty / true*:

Call isEmpty immediately void true

*isFull / false:*

Call isEmpty immediately void false

*enqueue*, *dequeue*,  *and isEmpty / false*:

enqueue index values

from a for loop. 1, 2, 3, 4, 5 void

Call isEmpty void false

*Dequeue* and print stack values void 1,2,3,4,5

Call isEmpty void true

*isFull / true*:

Push five values onto stack 1 ,2, 3, 4, 5 void

Call isFull void true

*makeEmpty*:

call makeEmpty void void

call isEmpty void true

Pointer Implementation:

