

Testing a queue of Strings:

isEmpty() returns true

Successfully added First

Successfully added Second

Successfully added Third

Successfully added Fourth

Successfully added Fifth

After enqueueing, the queue has: First Second Third Fourth Fifth

The Queue size = 5

isEmpty() returns false

Testing getFront and dequeue:

First is at the front of the queue.

First is removed from the front of the queue.

Second is at the front of the queue.

Second is removed from the front of the queue.

Third is at the front of the queue.

Third is removed from the front of the queue.

Fourth is at the front of the queue.

Fourth is removed from the front of the queue.

Fifth is at the front of the queue.

Fifth is removed from the front of the queue.

The queue should be empty: isEmpty() returns true

myQueue.getFront() returns null

myQueue.dequeue() returns null

End of Queue Test

Testing a queue of Integers:

isEmpty() returns true

Successfully added 90

Successfully added 80

Successfully added 70

Successfully added 60

Successfully added 50

Successfully added 40

Successfully added 30

Successfully added 20

Successfully added 10

After enqueueing, the queue has: 90 80 70 60 50 40 30 20 10

The Queue size = 9

isEmpty() returns false

Testing getFront and dequeue:

90 is at the front of the queue.  
90 is removed from the front of the queue.

80 is at the front of the queue.  
80 is removed from the front of the queue.

70 is at the front of the queue.  
70 is removed from the front of the queue.

60 is at the front of the queue.  
60 is removed from the front of the queue.

50 is at the front of the queue.  
50 is removed from the front of the queue.

40 is at the front of the queue.  
40 is removed from the front of the queue.

30 is at the front of the queue.  
30 is removed from the front of the queue.

20 is at the front of the queue.  
20 is removed from the front of the queue.

10 is at the front of the queue.  
10 is removed from the front of the queue.

The queue should be empty: isEmpty() returns true

myQueue.getFront() returns null  
myQueue.dequeue() returns null

End of Queue Test

Now calling extraQueueTester.

Testing Double Queue: 1.2 8.9  
Testing dequeuing Double Queue: 1.2  
Testing dequeuing Double Queue: 8.9  
Double Queue's size is 0  
Testing enqueueing Double Queue after emptying: true  
Double Queue now has: 3.4  
Double Queue's size is 1