

```
$ ./queueTest
```

```
----- Testing initQueue() Function -----
```

```
Initialize a queue? (y/n): y
```

```
Queue has been initialized.
```

```
----- Testing isEmpty() Function -----
```

```
Test if queue is empty? (y/n): y
```

```
The queue is empty.
```

```
----- Testing enqueue() Function -----
```

```
Add items to the queue? (y/n): y
```

```
How many items (integers, please) would you like to add to the queue? 10
```

```
Enter integer number 1: 2
```

```
Enter integer number 2: 4
```

```
Enter integer number 3: 6
```

```
Enter integer number 4: 8
```

```
Enter integer number 5: 10
```

```
Enter integer number 6: 12
```

```
Enter integer number 7: 14
```

```
Enter integer number 8: 16
```

```
Enter integer number 9: 18
```

```
Enter integer number 10: 20
```

```
Test if queue is empty? (y/n): y
```

```
The queue is not empty.
```

```
There are 10 items in the queue.
```

```
----- Testing getFront() Function -----
```

```
Check the item at the front of the queue? (y/n): y
```

```
The item at the front of the queue is: 2
```

```
----- Testing dequeue() Function -----
```

```
Remove items from the queue? (y/n): y
```

```
How many items would you like to remove from the queue? 3
```

```
2 removed from queue.
```

```
4 removed from queue.
```

```
6 removed from queue.
```

```
There are now 7 items left in the queue.
```

```
Remove items from the queue? (y/n): y
```

```
How many items would you like to remove from the queue? 9999
```

```
8 removed from queue.
```

```
10 removed from queue.
```

12 removed from queue.
14 removed from queue.
16 removed from queue.
18 removed from queue.
20 removed from queue.
Halting further attempts to dequeue.
There are now 0 items left in the queue.

Remove items from the queue? (y/n): y

How many items would you like to remove from the queue? 4

(Queue is already empty)

0 removed from queue.
Halting further attempts to dequeue.
There are now 0 items left in the queue.

Remove items from the queue? (y/n): n

Test if queue is empty? (y/n): y

The queue is empty.

Queue has been emptied and destroyed. Byebye!

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