Exercise 4: Queue data structure with linked list

a. Pseudo-code:

```
Node:
       data
       nextNode
Queue:
       head
       tail
function initQueue:
       head = nullNode:
       data
       nextNode
Queue:
       head
       tail
function initQueue():
       head = null
       tail = null
function enqueue(data):
       newNode = new Node()
       newNode.data = data
       newNode.nextNode = NULL
       if tail is NULL:
       head = tail = newNode
       else:
       tail.nextNode = newNode
       tail = newNode
function dequeue():
       if head is not NULL:
       head = head.nextNode
       if head is NULL:
              tail = NULL
function front():
       if head is NULL:
       return "empty"
       return head.data
function empty():
       return head is NULL
```

b. Complexity: O(1) each operator