1. Design and implement a queue-of-integer class named `LinkedListQueue` based on a circularly linked list of `Node` objects defined below:

```java
class Node {
    int v;
    Node next;

    public Node(int v, Node next) {
        this.v = v;
        this.next = next;
    }
}
```

The class should support the following methods:

a. `public void insert(int value);` // insert integer value to the end the queue
b. `public int delete();` // delete and return the first value in the queue
c. `public boolean isEmpty();` // return true iff the queue is empty

The number of integers that can be inserted into the queue should only be limited by the capacity of your computer’s memory system.

Also write the `main()` method of the class to test out your `LinkedListQueue` class implementation.

The assignment is also posted in forum Assignments inside Discussion Board of CS122/504 Blackboard. Submit a single zip file of all of your completed source code files as an attachment to your reply to my assignment 2 thread.

Please add assignment name, your name, your assignment completion date, and the above assignment problem description as comments at the beginning of your source code.

Please make sure that your program works correctly, and the source code is formatted properly with proper column alignment and line indentation. Add necessary concise comments to your tricky points for helping readers understand your program. There will be penalties for lacking necessary comments or improper code alignment or indentation.