Cyclic List
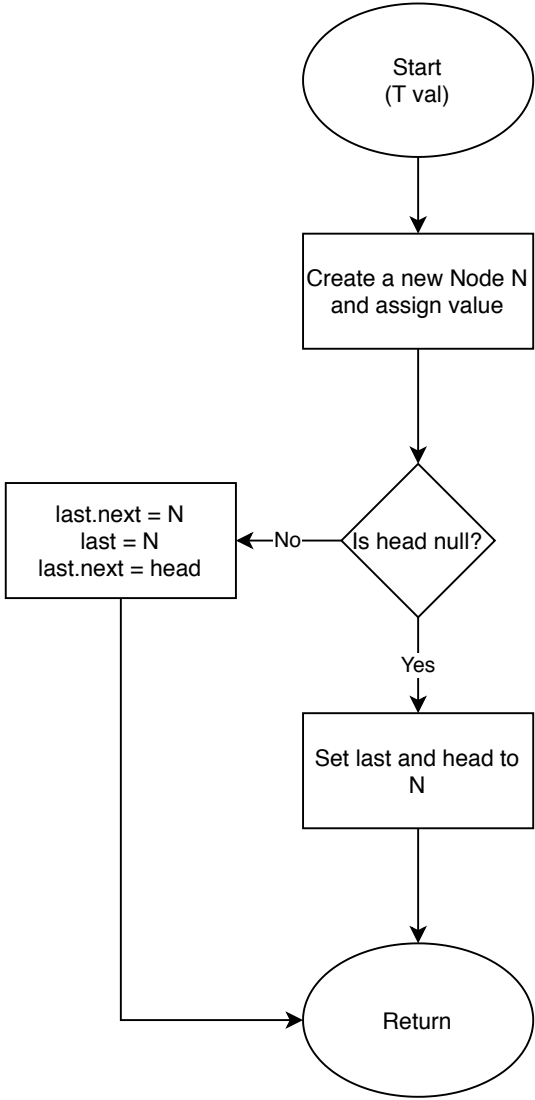
The following diagram shows flow
of methods in Cyclic List
datastructure

Add

```
        Start
       (T val)
          |
          v
  Create a new Node N
  and assign value
          |
          v
last.next = N  <--No-- Is head null?
  last = N               |
last.next = head        Yes
          |              |
          |              v
          |      Set last and head to
          |              N
          |              |
          |              v
          +-------->  Return
```

Remove

```
          Start
        (int Index)
            |
            v
      Current = head
      Previous = null
            |
            v
      i == Index? --Yes--> curr == head? --No-------+
       ^      |                 |                    |
       |      No               Yes                   |
     Cont.    |                 |                    |
       |      v                 v                    |
       |  prev = curr       prev = last              |
       +--curr = curr.next  head = head.next         |
          i++                   |                    |
                                v                    |
                        head == head.next --No------>|
                                |                    |
                               Yes                   |
                                v                    |
                           head = null               |
                                |                    v
                                v            prev.next = curr.next
                             Return  <------      curr = null
```