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11.1 Circular Linked Lists
  a circular list has the tail point back to the head instead of NULL
  affects insertion, deletion & traversals
     traversals cannot use "while not NULL"
        also can't use "while not head"
           because you start at the head
        use a do-while
           set ptr to heed
           do
              traversal action
              set ptr to head's next
           while ptr is not heed
     insertion
        head insertion
           tail must be updated to point to new head
        empty list insertion
           creates one element list
           element is both head & tail
              must point back to self
     deletion
        must check for ore element list to transition back to empty
        cannot rely on head = head->getNext()
           "next" of one element list is itself
11.3 Doubly Linked Lists
  Adds a previous pointer to the list node
     points back to the element before this one
  Adds a "tail" pointer so List class
  Can traverse list forward & back now
  Also makes deletion easier because you don't have to find-previous
  Insertion
     head insertion
        set new node's previous to NULL
        set new node's next to head
        set head's previous to new node
        set head to new node
     other insertions-inserting after prev
        Create var called next that is pointing to prev->getNext()
        So have vars: prev, next, new node
        set prev's next to new node
        if prev is tail
           set tail to new node
        else
           set next's prev to new node
        set new node's next to next
        set new node's prev to prev
  Deletion
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head deletion
  set tmp to head
  set head to head->getNext()
  set head's prev to NULL
  delete tmp
tail deletion
  set tmp to tail
  set tail to tail->getPrev()
  set tail's next to NULL
  delete tmp
other deletions
  set tmp to node to delete
  set next to node->getNext()
  set prev to node->getPrev()
  set prev's next to next
  set next's prev to prev
  delete tmp
```