Lost in Pointers

(16 Points)

Vanessa has implemented a circular DLList class, and has created a circular DLList (as seen on the reference sheet). However, Dylan the Hacker has gotten into her system and changed one of the next or prev pointers to point to another node in the DLList (or the sentinel). Write a function fixDLList that fixes the changed pointer in the instance of the DLList to be the original correct DLList.

You may assume that this function is defined in DLList, and therefore has access to the private variables of DLList.

```
public void fixDLList() {
  int count = 0;
  }
  if (count == size) { // The wrong pointer is a .prev pointer
    sentinel.next.prev = _____
  } else { // The wrong pointer is a .next pointer
    sentinel.prev.next = _____
    }
  }
}
```