Week 7 Solutions.

}

```
Iterator needs:
next() - throw an exception if empty (NoSuchElementException), throw an exception if modified
(ConcurrentModificationException)
hasNext()
remove() – doesn't need to be implemented
Main:
iterator() method
modCount ++
So overall:
public class main
        private int modCount; //set to 0 in constructor
        ... //Rest of the class data here as before
        ... //Add modCount++ to all add/remove operations
        public Iterator iterator()
       {
               return new Mylterator();
       }
        private class Mylterator implements Iterator
               private int expectedModCount;
               private Node currentPos;
               private Mylterator
                       curPos = sentinle;
                       expectedModCount = modCount;
               }
               public boolean hasNext()
                       return(!currentPos.getNext() == sentinle);
```