

C-4.10

Simply use a temporary node to walk to the end of list L . Then, make the last element of L point to the first element of M as its “next” node. The running time of this method is $O(n)$.

Algorithm Concatenate():

```
Create a new node  $v$ 
 $v = L.\text{getHead}()$ 
while  $v \neq \text{null}$  do
     $v = V.\text{getNext}()$ 
 $v.\text{setNext}(M.\text{getHead}())$ 
 $L' = L$ 
```