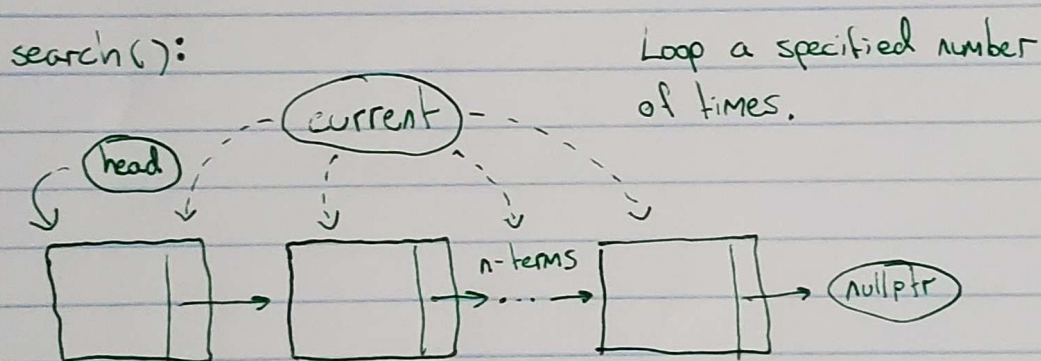
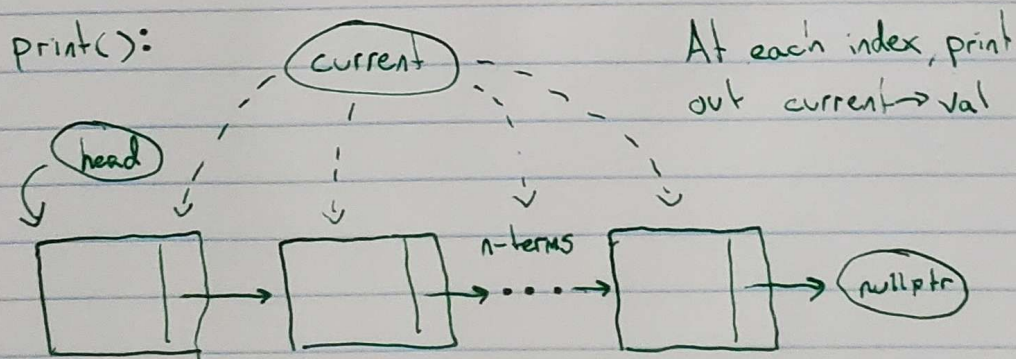


Worst-case, current will loop through the entire list to push a new value. As a result, the run-time complexity of the function is  $O(n)$ .



Worst-case, current will be told to iterate until the very end of the list. Thus, this function is of time-complexity  $O(n)$ .



No matter what, this function will execute a loop  $n$ -times to iterate through the whole list. So, its time-complexity is  $O(n)$ .