

// b) Linked List

```
public int kthToLast(int k) {  
    Node p1 = head;  
    Node p2 = head;  
  
    // Check if the list has at least k elements  
    for (int i = 0; i < k; i++) {  
        if (p1 == null) {  
            return -1; // Error: k is greater than the length of the list  
        }  
        p1 = p1.next;  
    }  
  
    // Move p1 and p2 together until p1 reaches the end of the list  
    while (p1 != null) {  
        p1 = p1.next;  
        p2 = p2.next;  
    }  
  
    return p2.value;  
}
```

To minimize the number of times we run through the loop, we can first check if the list has at least k elements before starting to move p1. This way, we can avoid unnecessary iterations in case k is greater than the length of the list. Here's the updated code:

Now, if k is greater than the length of the list, we will exit the loop after the first iteration and return an error without iterating over the entire list.