

Homework 1 Rubric (3 points/test case)

1. Proper size for empty LinkedList
2. Proper size for non-empty LinkedList
3. get() function on empty LinkedList properly returns false
4. get() function on initialized LinkedList properly returns first element
5. get() function on initialized LinkedList properly returns element that is not the first element
6. get() function on initialized LinkedList properly returns false if accessing non-existent element
7. Verify copy constructor works properly on initialized LinkedList
8. Verify assignment operator works properly on initialized LinkedList
9. Verify copy constructor works properly on empty LinkedList
10. Verify reverseList() works on initialized LinkedList
11. Verify reverseList() works on LinkedList reversed in previous test
12. Verify reverseList() works on empty LinkedList
13. Verify printList() works
14. Verify printReverse() works
15. Verify 4 insertToFront() calls of same string produce 4 unique nodes
16. Verify append() to an initialized LinkedList works
17. Verify append() to an empty LinkedList works
18. Verify swap() to an initialized LinkedList works
19. Verify swap() to an empty LinkedList works
20. Verify local LinkedList is destructed properly
21. Compilation issues (e.g. improper function arguments, improper function names, improper guarding, missing default function implementation, improper array declaration)