

## Autograder Results

Results

Code

**Linked List: test\_list\_create\_list\_basic (2.98/2.98)**

```
Running suite struct linked_list
suites/list_suite.c:50:P:test_list_create_list_basic:test_list_create_l
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

**Linked List: test\_list\_create\_list\_malloc\_failure (1.79/1.79)**

```
Running suite struct linked_list
suites/list_suite.c:59:P:test_list_create_list_malloc_failure:test_list
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

**Linked List: test\_list\_push\_front\_NULL\_list (0.6/0.6)**

```
Running suite struct linked_list
suites/list_suite.c:71:P:test_list_push_front_NULL_list:test_list_push
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

**Linked List: test\_list\_push\_front\_malloc\_failure (0.6/0.6)**

```
Running suite struct linked_list
suites/list_suite.c:81:P:test_list_push_front_malloc_failure:test_list
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
```

```
-----  
Running suite(s): struct linked_list  
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_push\_front\_NULL\_name (0.6/0.6)

```
Running suite struct linked_list  
suites/list_suite.c:98:P:test_list_push_front_NULL_name:test_list_push_  
Results for all suites run:  
100%: Checks: 1, Failures: 0, Errors: 0  
  
Valgrind  
-----  
Running suite(s): struct linked_list  
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_push\_front\_empty (1.19/1.19)

```
Running suite struct linked_list  
suites/list_suite.c:117:P:test_list_push_front_empty:test_list_push_fro  
Results for all suites run:  
100%: Checks: 1, Failures: 0, Errors: 0  
  
Valgrind  
-----  
Running suite(s): struct linked_list  
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_push\_front\_nonempty (2.98/2.98)

```
Running suite struct linked_list  
suites/list_suite.c:144:P:test_list_push_front_nonempty:test_list_push_  
Results for all suites run:  
100%: Checks: 1, Failures: 0, Errors: 0  
  
Valgrind  
-----  
Running suite(s): struct linked_list  
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_push\_back\_empty (1.79/1.79)

```
Running suite struct linked_list  
suites/list_suite.c:166:P:test_list_push_back_empty:test_list_push_back  
Results for all suites run:  
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_push\_back\_malloc\_failure (0.6/0.6)

```
Running suite struct linked_list
suites/list_suite.c:179:P:test_list_push_back_malloc_failure:test_list_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_push\_back\_non\_empty (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:201:P:test_list_push_back_non_empty:test_list_push_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_push\_back\_NULL (0.6/0.6)

```
Running suite struct linked_list
suites/list_suite.c:220:P:test_list_push_back_NULL:test_list_push_back_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_remove\_at\_index\_NULL\_list (0.6/0.6)

```
Running suite struct linked_list
suites/list_suite.c:232:P:test_list_remove_at_index_NULL_list:test_list
```

```
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
```

```
-----
```

```
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_remove\_at\_index\_NULL\_dataOut (0.6/0.6)

```
Running suite struct linked_list
suites/list_suite.c:238:P:test_list_remove_at_index_NULL_dataOut:test_1
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
```

```
-----
```

```
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_remove\_at\_index\_out\_of\_bounds (1.79/1.79)

```
Running suite struct linked_list
suites/list_suite.c:245:P:test_list_remove_at_index_out_of_bounds:test_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
```

```
-----
```

```
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_remove\_at\_index\_front (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:267:P:test_list_remove_at_index_front:test_list_rem
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
```

```
-----
```

```
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_remove\_at\_index\_middle (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:296:P:test_list_remove_at_index_middle:test_list_re
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_remove\_at\_index\_back (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:325:P:test_list_remove_at_index_back:test_list_remo
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_remove\_at\_index\_length\_1 (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:341:P:test_list_remove_at_index_length_1:test_list_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_add\_at\_index\_out\_of\_bounds (1.79/1.79)

```
Running suite struct linked_list
suites/list_suite.c:359:P:test_list_add_at_index_out_of_bounds:test_lis
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

**Linked List: test\_list\_add\_at\_index\_empty\_list (1.79/1.79)**

```
Running suite struct linked_list
suites/list_suite.c:388:P:test_list_add_at_index_empty_list:test_list_a
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

**Linked List: test\_list\_add\_at\_index\_non\_empty\_list (2.98/2.98)**

```
Running suite struct linked_list
suites/list_suite.c:410:P:test_list_add_at_index_non_empty_list:test_li
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

**Linked List: test\_list\_add\_at\_index\_NULL (0.6/0.6)**

```
Running suite struct linked_list
suites/list_suite.c:432:P:test_list_add_at_index_NULL:test_list_add_at_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

**Linked List: test\_list\_pop\_front\_NULL\_list (0.6/0.6)**

```
Running suite struct linked_list
suites/list_suite.c:444:P:test_list_pop_front_NULL_list:test_list_pop_f
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
```

```
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_pop\_front\_NULL\_dataOut (0.6/0.6)

```
Running suite struct linked_list
suites/list_suite.c:450:P:test_list_pop_front_NULL_dataOut:test_list_po
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_pop\_front\_empty (1.79/1.79)

```
Running suite struct linked_list
suites/list_suite.c:458:P:test_list_pop_front_empty:test_list_pop_front
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_pop\_front\_nonempty (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:472:P:test_list_pop_front_nonempty:test_list_pop_fr
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_pop\_front\_longer\_list (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:520:P:test_list_pop_front_longer_list:test_list_pop
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_pop\_back\_NULL\_list (0.6/0.6)

```
Running suite struct linked_list
suites/list_suite.c:531:P:test_list_pop_back_NULL_list:test_list_pop_ba
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_pop\_back\_NULL\_dataOut (0.6/0.6)

```
Running suite struct linked_list
suites/list_suite.c:537:P:test_list_pop_back_NULL_dataOut:test_list_pop
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_pop\_back\_empty (1.79/1.79)

```
Running suite struct linked_list
suites/list_suite.c:545:P:test_list_pop_back_empty:test_list_pop_back_e
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_pop\_back\_nonempty (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:561:P:test_list_pop_back_nonempty:test_list_pop_bac
Results for all suites run:
```



```
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
```

```
-----
```

```
Running suite(s): struct linked_list
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_pop\_back\_longer\_list (2.98/2.98)

```
Running suite struct linked_list
```

```
suites/list_suite.c:608:P:test_list_pop_back_longer_list:test_list_pop
```

```
Results for all suites run:
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
```

```
-----
```

```
Running suite(s): struct linked_list
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_get\_NULL\_list (0.6/0.6)

```
Running suite struct linked_list
```

```
suites/list_suite.c:628:P:test_list_get_NULL_list:test_list_get_NULL_li
```

```
Results for all suites run:
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
```

```
-----
```

```
Running suite(s): struct linked_list
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_get\_NULL\_dataOut (0.6/0.6)

```
Running suite struct linked_list
```

```
suites/list_suite.c:623:P:test_list_get_NULL_dataOut:test_list_get_NULL
```

```
Results for all suites run:
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
```

```
-----
```

```
Running suite(s): struct linked_list
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_get\_negative\_index (1.79/1.79)

```
Running suite struct linked_list
suites/list_suite.c:623:P:test_list_get_negative_index:test_list_get_ne
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_get\_front (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:623:P:test_list_get_front:test_list_get_front:0: Pa
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_get\_middle (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:623:P:test_list_get_middle:test_list_get_middle:0:
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_get\_back (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:623:P:test_list_get_back:test_list_get_back:0: Pass
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

**Linked List: test\_list\_get\_out\_of\_bounds\_index (1.79/1.79)**

```
Running suite struct linked_list
suites/list_suite.c:623:P:test_list_get_out_of_bounds_index:test_list_g
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

**Linked List: test\_list\_contains\_NULL\_list (0.6/0.6)**

```
Running suite struct linked_list
suites/list_suite.c:700:P:test_list_contains_NULL_list:test_list_contai
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

**Linked List: test\_list\_contains\_NULL\_dataOut (0.6/0.6)**

```
Running suite struct linked_list
suites/list_suite.c:623:P:test_list_contains_NULL_dataOut:test_list_con
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

**Linked List: test\_list\_contains\_empty (1.79/1.79)**

```
Running suite struct linked_list
suites/list_suite.c:729:P:test_list_contains_empty:test_list_contains_e
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
```

```
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_contains\_not\_contained (1.79/1.79)

```
Running suite struct linked_list
suites/list_suite.c:623:P:test_list_contains_not_contained:test_list_co
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_contains\_NULL\_name (0.6/0.6)

```
Running suite struct linked_list
suites/list_suite.c:623:P:test_list_contains_NULL_name:test_list_contai
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_contains\_is\_contained (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:623:P:test_list_contains_is_contained:test_list_con
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_empty\_list\_NULL\_list (0.6/0.6)

```
Running suite struct linked_list
suites/list_suite.c:799:P:test_list_empty_list_NULL_list:test_list_empt
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_empty\_list\_empty (1.79/1.79)

```
Running suite struct linked_list
suites/list_suite.c:809:P:test_list_empty_list_empty:test_list_empty_li
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_empty\_list\_length\_1 (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:818:P:test_list_empty_list_length_1:test_list_empty
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_list\_empty\_list\_longer\_list (2.98/2.98)

```
Running suite struct linked_list
suites/list_suite.c:827:P:test_list_empty_list_longer_list:test_list_em
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_num\_passing\_all\_classes\_empty\_NULL (1.19/1.19)

```
Running suite struct linked_list
suites/list_suite.c:849:P:test_num_passing_all_classes_empty_NULL:test_
Results for all suites run:
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
```

```
-----
```

```
Running suite(s): struct linked_list
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_num\_passing\_all\_classes\_length\_1 (1.19/1.19)

```
Running suite struct linked_list
```

```
suites/list_suite.c:866:P:test_num_passing_all_classes_length_1:test_num
```

```
Results for all suites run:
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
```

```
-----
```

```
Running suite(s): struct linked_list
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_num\_passing\_all\_classes\_longer\_list (1.19/1.19)

```
Running suite struct linked_list
```

```
suites/list_suite.c:880:P:test_num_passing_all_classes_longer_list:test
```

```
Results for all suites run:
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
```

```
-----
```

```
Running suite(s): struct linked_list
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_num\_passing\_all\_classes\_longer\_list\_2 (1.79/1.79)

```
Running suite struct linked_list
```

```
suites/list_suite.c:901:P:test_num_passing_all_classes_longer_list_2:te
```

```
Results for all suites run:
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

```
Valgrind
```

```
-----
```

```
Running suite(s): struct linked_list
```

```
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_num\_passing\_all\_classes\_instructors\_only (1.19/1.19)

```
Running suite struct linked_list
suites/list_suite.c:919:P:test_num_passing_all_classes_instructors_only
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_get\_average\_salary\_empty\_NULL\_list (1.19/1.19)

```
Running suite struct linked_list
suites/list_suite.c:941:P:test_get_average_salary_empty_NULL_list:test_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_get\_average\_salary\_length\_1 (1.79/1.79)

```
Running suite struct linked_list
suites/list_suite.c:959:P:test_get_average_salary_length_1:test_get_ave
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

### Linked List: test\_get\_average\_salary\_longer\_list (2.38/2.38)

```
Running suite struct linked_list
suites/list_suite.c:973:P:test_get_average_salary_longer_list:test_get_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

**Linked List: test\_get\_average\_salary\_students\_only (1.19/1.19)**

```
Running suite struct linked_list
suites/list_suite.c:992:P:test_get_average_salary_students_only:test_ge
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

Valgrind
-----
Running suite(s): struct linked_list
100%: Checks: 1, Failures: 0, Errors: 0
```

## Homework 9: Dynamic Memory

**● Graded****Student**

Vidit Dharmendra Pokharna

**Total Points****100 / 100 pts****Autograder Score****100.0 / 100.0****Passed Tests**

Linked List: test\_list\_create\_list\_basic (2.98/2.98)  
Linked List: test\_list\_create\_list\_malloc\_failure (1.79/1.79)  
Linked List: test\_list\_push\_front\_NULL\_list (0.6/0.6)  
Linked List: test\_list\_push\_front\_malloc\_failure (0.6/0.6)  
Linked List: test\_list\_push\_front\_NULL\_name (0.6/0.6)  
Linked List: test\_list\_push\_front\_empty (1.19/1.19)  
Linked List: test\_list\_push\_front\_nonempty (2.98/2.98)  
Linked List: test\_list\_push\_back\_empty (1.79/1.79)  
Linked List: test\_list\_push\_back\_malloc\_failure (0.6/0.6)  
Linked List: test\_list\_push\_back\_non\_empty (2.98/2.98)  
Linked List: test\_list\_push\_back\_NULL (0.6/0.6)  
Linked List: test\_list\_remove\_at\_index\_NULL\_list (0.6/0.6)  
Linked List: test\_list\_remove\_at\_index\_NULL\_dataOut (0.6/0.6)  
Linked List: test\_list\_remove\_at\_index\_out\_of\_bounds (1.79/1.79)  
Linked List: test\_list\_remove\_at\_index\_front (2.98/2.98)  
Linked List: test\_list\_remove\_at\_index\_middle (2.98/2.98)  
Linked List: test\_list\_remove\_at\_index\_back (2.98/2.98)  
Linked List: test\_list\_remove\_at\_index\_length\_1 (2.98/2.98)  
Linked List: test\_list\_add\_at\_index\_out\_of\_bounds (1.79/1.79)



Linked List: test\_list\_add\_at\_index\_empty\_list (1.79/1.79)  
Linked List: test\_list\_add\_at\_index\_non\_empty\_list (2.98/2.98)  
Linked List: test\_list\_add\_at\_index\_NULL (0.6/0.6)  
Linked List: test\_list\_pop\_front\_NULL\_list (0.6/0.6)  
Linked List: test\_list\_pop\_front\_NULL\_dataOut (0.6/0.6)  
Linked List: test\_list\_pop\_front\_empty (1.79/1.79)  
Linked List: test\_list\_pop\_front\_nonempty (2.98/2.98)  
Linked List: test\_list\_pop\_front\_longer\_list (2.98/2.98)  
Linked List: test\_list\_pop\_back\_NULL\_list (0.6/0.6)  
Linked List: test\_list\_pop\_back\_NULL\_dataOut (0.6/0.6)  
Linked List: test\_list\_pop\_back\_empty (1.79/1.79)  
Linked List: test\_list\_pop\_back\_nonempty (2.98/2.98)  
Linked List: test\_list\_pop\_back\_longer\_list (2.98/2.98)  
Linked List: test\_list\_get\_NULL\_list (0.6/0.6)  
Linked List: test\_list\_get\_NULL\_dataOut (0.6/0.6)  
Linked List: test\_list\_get\_negative\_index (1.79/1.79)  
Linked List: test\_list\_get\_front (2.98/2.98)  
Linked List: test\_list\_get\_middle (2.98/2.98)  
Linked List: test\_list\_get\_back (2.98/2.98)  
Linked List: test\_list\_get\_out\_of\_bounds\_index (1.79/1.79)  
Linked List: test\_list\_contains\_NULL\_list (0.6/0.6)  
Linked List: test\_list\_contains\_NULL\_dataOut (0.6/0.6)  
Linked List: test\_list\_contains\_empty (1.79/1.79)  
Linked List: test\_list\_contains\_not\_contained (1.79/1.79)  
Linked List: test\_list\_contains\_NULL\_name (0.6/0.6)  
Linked List: test\_list\_contains\_is\_contained (2.98/2.98)  
Linked List: test\_list\_empty\_list\_NULL\_list (0.6/0.6)  
Linked List: test\_list\_empty\_list\_empty (1.79/1.79)  
Linked List: test\_list\_empty\_list\_length\_1 (2.98/2.98)  
Linked List: test\_list\_empty\_list\_longer\_list (2.98/2.98)  
Linked List: test\_num\_passing\_all\_classes\_empty\_NULL (1.19/1.19)  
Linked List: test\_num\_passing\_all\_classes\_length\_1 (1.19/1.19)  
Linked List: test\_num\_passing\_all\_classes\_longer\_list (1.19/1.19)  
Linked List: test\_num\_passing\_all\_classes\_longer\_list\_2 (1.79/1.79)  
Linked List: test\_num\_passing\_all\_classes\_instructors\_only (1.19/1.19)  
Linked List: test\_get\_average\_salary\_empty\_NULL\_list (1.19/1.19)  
Linked List: test\_get\_average\_salary\_length\_1 (1.79/1.79)  
Linked List: test\_get\_average\_salary\_longer\_list (2.38/2.38)  
Linked List: test\_get\_average\_salary\_students\_only (1.19/1.19)