#### **Autograder Results**

Results Code

```
hw7-checks: test_my_strlen_1 (1/1)

Running suite my_string_suite
```

suites/my\_string\_suite.c:35:P:test\_my\_strlen\_1:test\_my\_strlen\_1:0: Pass
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0

### hw7-checks: test\_my\_strlen\_2 (2/2)

```
Running suite my_string_suite
suites/my_string_suite.c:46:P:test_my_strlen_2:test_my_strlen_2:0: Pass
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_my\_strlen\_3 (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:56:P:test_my_strlen_3:test_my_strlen_3:0: Pass
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_my\_strlen\_4 (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:79:P:test_my_strlen_4:test_my_strlen_4:0: Pass
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_my\_strlen\_5 (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:89:P:test_my_strlen_5:test_my_strlen_5:0: Pass
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_my\_strncmp\_equal (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:130:P:test_my_strncmp_equal:test_my_strncmp_eq
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_my\_strncmp\_null\_terminator\_in\_middle\_almost\_same (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:163:P:test_my_strncmp_null_terminator_in_middl
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_my\_strncmp\_null\_terminator\_in\_middle\_different (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:196:P:test_my_strncmp_null_terminator_in_middl
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_my\_strncmp\_letters\_shuffled (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:278:P:test_my_strncmp_letters_shuffled:test_my
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_my\_strncmp\_random (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:242:P:test_my_strncmp_random:test_my_strncmp_r
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_my\_strncmp\_first\_half\_same\_end\_different\_large\_n (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:310:P:test_my_strncmp_first_half_same_end_diff
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_my\_strncmp\_first\_half\_same\_end\_different\_small\_n (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:342:P:test_my_strncmp_first_half_same_end_diff
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

# hw7-checks: test\_my\_strncmp\_almost\_equal (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:374:P:test_my_strncmp_almost_equal:test_my_str
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_my\_strncpy\_basic (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:398:P:test_my_strncpy_basic:test_my_strncpy_ba
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_my\_strncpy\_destination\_larger (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:419:P:test_my_strncpy_destination_larger:test_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_my\_strncpy\_random\_basic\_256 (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:444:P:test_my_strncpy_random_basic_256:test_my
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

# hw7-checks: test\_my\_strncpy\_null\_terminator\_in\_middle (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:475:P:test_my_strncpy_null_terminator_in_middl
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_my\_strncpy\_overwrite (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:497:P:test_my_strncpy_overwrite:test_my_strncp
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_my\_strncpy\_adv (2/2)

```
Running suite my_string_suite
suites/my_string_suite.c:531:P:test_my_strncpy_adv:test_my_strncpy_adv:
```

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

### hw7-checks: test\_my\_strncat\_basic (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:553:P:test_my_strncat_basic:test_my_strncat_ba
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_my\_strncat\_random (2/2)

```
Running suite my_string_suite
suites/my_string_suite.c:573:P:test_my_strncat_random:test_my_strncat_r
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_my\_strncat\_null\_terminator (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:593:P:test_my_strncat_null_terminator:test_my_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_my\_strncat\_with\_empty\_string\_first (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:609:P:test_my_strncat_with_empty_string_first:
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_my\_strncat\_with\_empty\_string\_second (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:626:P:test_my_strncat_with_empty_string_second
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_my\_memset\_basic (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:644:P:test_my_memset_basic:test_my_memset_basi
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_my\_memset\_random\_n (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:669:P:test_my_memset_random_n:test_my_memset_r
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_my\_memset\_replace\_char (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:686:P:test_my_memset_replace_char:test_my_mems
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_my\_memset\_replace\_all (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:701:P:test_my_memset_replace_all:test_my_memse
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_remove\_first\_instance\_basic (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:717:P:test_remove_first_instance_basic:test_re
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_remove\_first\_instance\_random (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:749:P:test_remove_first_instance_random:test_r
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_remove\_first\_instance\_instance\_as\_first\_char (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:767:P:test_remove_first_instance_instance_as_f
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_remove\_first\_instance\_one\_char\_string (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:782:P:test_remove_first_instance_one_char_stri
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_remove\_first\_instance\_no\_instances (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:810:P:test_remove_first_instance_no_instances:
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_replace\_character\_with\_string\_basic (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:827:P:test_replace_character_with_string_basic
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_replace\_character\_with\_string\_random (2/2)

```
Running suite my_string_suite
suites/my_string_suite.c:865:P:test_replace_character_with_string_rando
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_replace\_character\_with\_string\_no\_character\_found (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:896:P:test_replace_character_with_string_no_ch
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_replace\_character\_with\_string\_multiple\_characters (2/2)

```
Running suite my_string_suite
suites/my_string_suite.c:934:P:test_replace_character_with_string_multi
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_replace\_character\_with\_string\_single\_char\_replace\_string (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:970:P:test_replace_character_with_string_singl
```

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

## hw7-checks: test\_replace\_character\_with\_string\_empty\_replace\_string (1/1)

```
Running suite my_string_suite
suites/my_string_suite.c:1005:P:test_replace_character_with_string_empt
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_remove\_first\_character\_random (2/2)

```
Running suite my_string_suite
suites/my_string_suite.c:1020:P:test_remove_first_character_random:test
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_remove\_first\_character\_one\_char\_string (2/2)

```
Running suite my_string_suite
suites/my_string_suite.c:1033:P:test_remove_first_character_one_char_st
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_push\_single (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:81:P:test_push_single:test_push_single:0: Passe
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_push\_two (1/1)

```
Running suite oh_queue_suite

suites/oh_queue_suite.c:131:P:test_push_two:test_push_two:0: Passed

Results for all suites run:

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

### hw7-checks: test\_push\_multiple (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:170:P:test_push_multiple:test_push_multiple:0:
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_push\_null\_terminator (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:204:P:test_push_null_terminator:test_push_null_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_push\_long\_name (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:232:P:test_push_long_name:test_push_long_name:0
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_push\_too\_many\_students (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:278:P:test_push_too_many_students:test_push_too
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_pop\_basic (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:322:P:test_pop_basic:test_pop_basic:0: Passed
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_pop\_single\_student (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:343:P:test_pop_single_student:test_pop_single_s
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_pop\_no\_students (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:354:P:test_pop_no_students:test_pop_no_students
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_pop\_multiple (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:401:P:test_pop_multiple:test_pop_multiple:0: Pa
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_pop\_everything (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:425:P:test_pop_everything:test_pop_everything:0
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_group\_by\_topic\_basic (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:489:P:test_group_by_topic_basic:test_group_by_t
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_group\_by\_topic\_different\_topic\_name\_same\_number (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:550:P:test_group_by_topic_different_topic_name_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_group\_by\_topic\_same\_topic\_different\_number (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:612:P:test_group_by_topic_same_topic_different_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_group\_by\_topic\_no\_student\_with\_topic (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:673:P:test_group_by_topic_no_student_with_topic
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_group\_by\_topic\_empty\_array (1/1)

```
Running suite oh_queue_suite suites/oh_queue_suite.c:694:P:test_group_by_topic_empty_array:test_group
```

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

#### hw7-checks: test\_hash\_1 (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:710:P:test_hash_1:test_hash_1:0: Passed
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_hash\_2 (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:726:P:test_hash_2:test_hash_2:0: Passed
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_update\_student\_basic (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:786:P:test_update_student_basic:test_update_stu
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_update\_student\_no\_student\_with\_custom\_id (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:834:P:test_update_student_no_student_with_custo
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_update\_student\_empty\_array (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:856:P:test_update_student_empty_array:test_upda
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_remove\_student\_by\_name\_basic (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:916:P:test_remove_student_by_name_basic:test_re
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_remove\_student\_by\_name\_no\_students\_with\_name (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:978:P:test_remove_student_by_name_no_students_w
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_remove\_student\_by\_name\_empty\_array (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:997:P:test_remove_student_by_name_empty_array:t
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_remove\_student\_by\_name\_multiple (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:1058:P:test_remove_student_by_name_multiple:tes
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_remove\_student\_by\_topic\_basic (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:1120:P:test_remove_student_by_topic_basic:test_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_remove\_student\_by\_topic\_no\_student\_with\_topic (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:1184:P:test_remove_student_by_topic_no_student_
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_remove\_student\_by\_topic\_empty\_array (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:1206:P:test_remove_student_by_topic_empty_array
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_office\_hours\_status\_students\_pushed (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:1226:P:test_office_hours_status_students_pushed
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_office\_hours\_status\_all\_students\_popped (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:1248:P:test_office_hours_status_all_students_po
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

### hw7-checks: test\_office\_hours\_status\_some\_students\_popped (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:1270:P:test_office_hours_status_some_students_p
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test\_office\_hours\_status\_remove\_some\_students\_by\_topic (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:1300:P:test_office_hours_status_remove_some_stu
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test office hours status remove all students by topic (2/2)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:1330:P:test_office_hours_status_remove_all_stud
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

#### hw7-checks: test office hours status remove all students by name (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:1354:P:test_office_hours_status_remove_all_stud
Results for all suites run:
100%: Checks: 1, Failures: 0, Errors: 0
```

## hw7-checks: test\_office\_hours\_status\_remove\_one\_student\_by\_name (1/1)

```
Running suite oh_queue_suite
suites/oh_queue_suite.c:1383:P:test_office_hours_status_remove_one_stud
```

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

### Homework 7: Intro to C

Graded

#### Student

Vidit Dharmendra Pokharna

View or edit group

**Total Points** 

100 / 100 pts

Autograder Score 100.0 / 100.0

#### **Passed Tests**

```
hw7-checks: test_my_strlen_1 (1/1)
hw7-checks: test_my_strlen_2 (2/2)
hw7-checks: test_my_strlen_3 (1/1)
```

hw7-checks: test\_my\_strlen\_4 (1/1)

hw7-checks: test\_my\_strlen\_5 (1/1)

hw7-checks: test\_my\_strncmp\_equal (1/1)

hw7-checks: test\_my\_strncmp\_null\_terminator\_in\_middle\_almost\_same (1/1)

hw7-checks: test\_my\_strncmp\_null\_terminator\_in\_middle\_different (1/1)

hw7-checks: test\_my\_strncmp\_letters\_shuffled (1/1)

hw7-checks: test\_my\_strncmp\_random (1/1)

hw7-checks: test\_my\_strncmp\_first\_half\_same\_end\_different\_large\_n (1/1)

hw7-checks: test\_my\_strncmp\_first\_half\_same\_end\_different\_small\_n (1/1)

hw7-checks: test\_my\_strncmp\_almost\_equal (1/1)

hw7-checks: test my strncpy basic (1/1)

hw7-checks: test\_my\_strncpy\_destination\_larger (1/1)

hw7-checks: test\_my\_strncpy\_random\_basic\_256 (1/1)

hw7-checks: test my strncpy null terminator in middle (1/1)

hw7-checks: test\_my\_strncpy\_overwrite (1/1)

hw7-checks: test\_my\_strncpy\_adv (2/2)

hw7-checks: test my strncat basic (1/1)

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hw7-checks: test\_my\_strncat\_null\_terminator (1/1)

hw7-checks: test\_my\_strncat\_with\_empty\_string\_first (1/1)

hw7-checks: test\_my\_strncat\_with\_empty\_string\_second (1/1)

hw7-checks: test\_my\_memset\_basic (1/1)

hw7-checks: test my memset random n (1/1)

hw7-checks: test\_my\_memset\_replace\_char (1/1)

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hw7-checks: test my memset replace all (1/1)
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hw7-checks: test_remove_first_instance_random (1/1)
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