collecting collected 20 items	
test.py::test_backwards_small PASSED	[5%]
test.py::test_backwards_real PASSED	[10%]
test.py::test_backwards_random_1 PASSED	[15%]
test.py::test_backwards_random_2 PASSED	[20%]
test.py::test_mix_small PASSED	[25%]
test.py::test_mix_real PASSED	[30%]
test.py::test_mix_random_1 PASSED	[35%]
test.py::test_mix_random_2 PASSED	[40%]
test.py::test_echo_small PASSED	[45%]
est.py::test_echo_real PASSED	[50%]
est.py::test_echo_random_1 PASSED	[55%]
test.py::test_echo_random_2 PASSED	[60%]
test.py::test_pan_small PASSED	[65%]
test.py::test_pan_real PASSED	[70%]
test.py::test_pan_random_1 PASSED	[75%]
test.py::test_pan_random_2 PASSED	[80%]
test.py::test_remove_vocals_small PASSED	[85%]
test.py::test_remove_vocals_random_1 PASSED	[90%]
test.py::test_remove_vocals_random_2 PASSED	[95%]
test.py::test_remove_vocals_random_3 PASSED	[100%]
======================================	
[Finished in 6.497s]	

collecting collected 33 items	
test.py::test_load PASSED	[3%]
test.py::test_inverted_1 PASSED	[6%]
test.py::test_inverted_2 PASSED	[9%]
test.py::test_correlated_1 PASSED	[12%]
test.py::test_correlated_2 PASSED	[15%]
test.py::test_correlated_3 PASSED	[18%]
test.py::test_inverted_images[mushroom] PASSED	[21%]
test.py::test_inverted_images[twocats] PASSED	[24%]
test.py::test_inverted_images[chess] PASSED	[27%]
test.py::test_blurred_images[mushroom-1] PASSED	[30%]
test.py::test_blurred_images[mushroom-3] PASSED	[33%]
test.py::test_blurred_images[mushroom-7] PASSED	[36%]
test.py::test_blurred_images[twocats-1] PASSED	[39%]
test.py::test_blurred_images[twocats-3] PASSED	[42%]
test.py::test_blurred_images[twocats-7] PASSED	[45%]
test.py::test_blurred_images[chess-1] PASSED	[48%]
test.py::test_blurred_images[chess-3] PASSED	[51%]
test.py::test_blurred_images[chess-7] PASSED	[54%]
test.py::test_blurred_black_image PASSED	[57%]
test.py::test_blurred_centered_pixel PASSED	[60%]
test.py::test_sharpened_images[mushroom-1] PASSED	[63%]
test.py::test_sharpened_images[mushroom-3] PASSED	[66%]
test.py::test_sharpened_images[mushroom-9] PASSED	[69%]
test.py::test_sharpened_images[twocats-1] PASSED	[72%]
test.py::test_sharpened_images[twocats-3] PASSED	[75%]
test.py::test_sharpened_images[twocats-9] PASSED	[78%]
test.py::test_sharpened_images[chess-1] PASSED	[81%]
test.py::test_sharpened_images[chess-3] PASSED	[84%]
test.py::test_sharpened_images[chess-9] PASSED	[87%]
test.py::test_edges_images[mushroom] PASSED	[90%]
test.py::test_edges_images[twocats] PASSED	[93%]
test.py::test_edges_images[chess] PASSED	[96%]
test.py::test_edges_centered_pixel PASSED	[100%]



collecting collected 29 items			
test.py::test_load_color PASSED		3%]	
test.py::test_color_filter_inverted PASSED		6%]	
test.py::test_color_filter_edges PASSED		10%]	
test.py::test_color_filter_images[filter_info0-frog] PASSED		13%]	
test.py::test_color_filter_images[filter_info0-tree] PASSED		17%]	
test.py::test_color_filter_images[filter_info1-frog] PASSED		20%]	
test.py::test_color_filter_images[filter_info1-tree] PASSED		24%]	
test.py::test_blur_filter PASSED		27%]	
test.py::test_blur_filter_images[cat-3] PASSED		31%]	
test.py::test_blur_filter_images[cat-5] PASSED		34%]	
test.py::test_blur_filter_images[mushroom-3] PASSED		37%]	
test.py::test_blur_filter_images[mushroom-5] PASSED		41%]	
test.py::test_sharpen_filter_images[construct-3] PASSED		44%]	
test.py::test_sharpen_filter_images[construct-5] PASSED		48%]	
test.py::test_sharpen_filter_images[bluegill-3] PASSED		51%]	
test.py::test_sharpen_filter_images[bluegill-5] PASSED		55%]	
test.py::test_small_cascade PASSED		58%]	
test.py::test_cascades[tree-0] PASSED		62%]	
test.py::test_cascades[tree-1] PASSED		65%]	
test.py::test_cascades[tree-2] PASSED		68%]	
test.py::test_cascades[stronger-0] PASSED		72%]	
test.py::test_cascades[stronger-1] PASSED		75%]	
test.py::test_cascades[stronger-2] PASSED		79%]	
test.py::test_seamcarving_images_1 PASSED		82%]	
test.py::test_seamcarving_images_2 PASSED		86%]	
test.py::test_seamcarving_centeredpixel PASSED		89%]	
test.py::test_seamcarving_pattern PASSED		93%]	
test.py::test_seamcarving_smallfrog PASSED		96%]	
test.py::test_seamcarving_mushroom PASSED	[1	100%]	
======================================			
[Finished in 204,971s]			



test.py::test_acted_together_01 PASSED	[3%]
test.py::test_acted_together_02 PASSED	[6%]
test.py::test_acted_together_03 PASSED	[9%]
test.py::test_bacon_number_01 PASSED	Ī	12%]
test.py::test_bacon_number_02 PASSED	[15%]
test.py::test_bacon_number_03 PASSED	[18%]
test.py::test_tiny_bacon_number_0 PASSED	[21%]
test.py::test_tiny_bacon_number_1 PASSED	[25%]
test.py::test_tiny_bacon_number_2 PASSED	[28%]
test.py::test_bacon_number_04 PASSED	[31%]
test.py::test_bacon_path_01 PASSED	[34%]
test.py::test_bacon_path_02 PASSED	[37%]
test.py::test_bacon_path_03 PASSED	[40%]
test.py::test_bacon_path_04 PASSED	[43%]
test.py::test_bacon_path_05 PASSED	[46%]
test.py::test_bacon_path_06 PASSED	[50%]
test.py::test_actor_to_actor_path_01 PASSED	[53%]
test.py::test_actor_to_actor_path_02 PASSED	[56%]
test.py::test_actor_to_actor_path_03 PASSED	[59%]
test.py::test_actor_to_actor_path_04 PASSED	[62%]
test.py::test_actor_to_actor_path_05 PASSED	[65%]
test.py::test_actor_to_actor_path_06 PASSED	[68%]
test.py::test_actor_to_actor_path_07 PASSED	[71%]
test.py::test_actor_to_actor_path_08 PASSED	[75%]
test.py::test_actor_path_01 PASSED	[78%]
test.py::test_actor_path_02 PASSED	[81%]
test.py::test_actor_path_03 PASSED	[84%]
test.py::test_actor_path_04 PASSED	[87%]
test.py::test_actor_path_05 PASSED	[90%]
test.py::test_actor_path_06 PASSED	[93%]
test.py::test_movie_path_01 PASSED	[96%]
test.py::test_movie_path_02 PASSED	[1	.00%]
======================================	===	====
[Finished in 24.063s]		

```
collecting ... collected 40 items
test.py::test mit short nodes 00 PASSED
                                                                           2%]
test.py::test_mit_short_nodes_01 PASSED
                                                                           5%]
test.py::test_mit_short_nodes_02 PASSED
                                                                           7%]
test.py::test mit short nodes 03 PASSED
                                                                        [ 10%]
test.py::test_midwest_short_nodes[testcase0] PASSED
                                                                        [ 12%]
                                                                        [ 15%]
test.py::test midwest short nodes[testcase1] PASSED
test.py::test_midwest_short_nodes[testcase2] PASSED
                                                                        [ 17%]
test.py::test_cambridge_short_nodes[testcase0] PASSED
                                                                        [ 20%]
test.py::test_cambridge_short_nodes[testcase1] PASSED
                                                                        [ 22%]
test.py::test_cambridge_short_nodes[testcase2] PASSED
                                                                        [ 25%]
test.py::test cambridge short nodes[testcase3] PASSED
                                                                        [ 27%]
test.py::test_cambridge_short_nodes[testcase4] PASSED
                                                                        [ 30%]
                                                                        [ 32%]
test.py::test cambridge short nodes[testcase5] PASSED
test.py::test_mit_short_00 PASSED
                                                                        [ 35%]
test.py::test mit short 01 PASSED
                                                                        [ 37%]
test.py::test_mit_short_02_PASSED
                                                                        [ 40%]
test.py::test_mit_short_03 PASSED
                                                                        [ 42%]
test.py::test mit short 04 PASSED
                                                                        [ 45%]
test.py::test_midwest_short[testcase0] PASSED
                                                                        [ 47%]
test.py::test midwest short[testcase1] PASSED
                                                                        [ 50%]
test.py::test_midwest_short[testcase2] PASSED
                                                                        [ 52%]
test.py::test_cambridge_short[testcase0] PASSED
                                                                        [ 55%]
test.py::test_cambridge_short[testcase1] PASSED
                                                                        [ 57%]
test.py::test_cambridge_short[testcase2] PASSED
                                                                        [ 60%]
test.py::test cambridge short[testcase3] PASSED
                                                                        [ 62%]
test.py::test_cambridge_short[testcase4] PASSED
                                                                        [ 65%]
                                                                        [ 67%]
test.py::test cambridge short[testcase5] PASSED
                                                                        [ 70%]
test.py::test_mit_fast_00 PASSED
test.py::test_mit_fast 01 PASSED
                                                                        [ 72%]
test.py::test_mit_fast_02 PASSED
                                                                        [ 75%]
test.py::test_mit_fast_03 PASSED
                                                                        [ 77%]
                                                                        [ 80%]
test.py::test_midwest_fast[testcase0] PASSED
test.py::test_midwest_fast[testcase1] PASSED
                                                                        [ 82%]
                                                                        [ 85%]
test.py::test midwest fast[testcase2] PASSED
test.py::test_cambridge_fast[testcase0] PASSED
                                                                        [ 87%]
test.py::test_cambridge_fast[testcase1] PASSED
                                                                        [ 90%]
test.py::test_cambridge_fast[testcase2] PASSED
                                                                        [ 92%]
test.py::test_cambridge_fast[testcase3] PASSED
                                                                        [ 95%]
                                                                        [ 97%]
test.py::test_cambridge_fast[testcase4] PASSED
test.py::test_cambridge_fast[testcase5] PASSED
                                                                        [100%]
```

test.py::test_doctests_run PASSED	[5%]
test.py::test_all_doc_strings_exist PASSED	[10%]
test.py::test_newsmallgame PASSED	[15%]
test.py::test_newmediumgame PASSED	[21%]
test.py::test_newlargegame PASSED	[26%]
test.py::test_dig_2d[complete] PASSED	[31%]
test.py::test_dig_2d[mine] PASSED	[36%]
test.py::test_dig_2d[small] PASSED	[42%]
test.py::test_render_2d PASSED	[47%]
test.py::test_asciismall PASSED	[52%]
test.py::test_asciixray PASSED	[57%]
test.py::test_2d_integration[1] PASSED	[63%]
test.py::test_2d_integration[2] PASSED	[68%]
test.py::test_2d_integration[3] PASSED	[73%]
test.py::test_newsmall6dgame PASSED	[78%]
test.py::test_newlarge4dgame PASSED	[84%]
test.py::test_nd_integration[1] PASSED	[89%]
test.py::test_nd_integration[2] PASSED	[94%]
test.py::test_nd_integration[3] PASSED	[1	100%]

test.py::test_sat_A PASSED	[4%]
test.py::test_sat_B PASSED	[9%]
test.py::test_sat_C PASSED	[14%]
test.py::test_sat_D PASSED	[19%]
test.py::test_sat_E PASSED	[23%]
test.py::test_sat_F PASSED	[28%]
test.py::test_sat_G PASSED	[33%]
test.py::test_sat_H PASSED	[38%]
test.py::test_sat_I PASSED	[42%]
test.py::test_sat_nested_backtrack PASSED	[47%]
test.py::test_sat_double_backtrack PASSED	[52%]
test.py::test_sat_deep_double_backtrack PASSED	[57%]
test.py::test_sat_deep_double_backtrack2 PASSED	[61%]
test.py::test_sat_sudoku1 PASSED	[66%]
test.py::test_sat_sudoku2 PASSED	[71%]
test.py::test_sat_sudoku3 PASSED	[76%]
test.py::test_scheduling_A PASSED	[80%]
test.py::test_scheduling_B PASSED	[85%]
test.py::test_scheduling_C PASSED	[90%]
test.py::test_scheduling_D PASSED	[95%]
test.py::test_scheduling_E PASSED	[1	.00%]
21 passed in 20.92s	===	====
[Finished in 21.398s]		

collecting collected 25 items	
test.py::test_set PASSED	[4%]
test.py::test_get PASSED	[8%]
test.py::test_contains PASSED	[12%]
test.py::test_iter PASSED	[16%]
test.py::test_delete PASSED	[20%]
test.py::test_tuple_set PASSED	[24%]
test.py::test_tuple_get PASSED	[28%]
test.py::test_tuple_contains PASSED	[32%]
test.py::test_tuple_iter PASSED	[36%]
test.py::test_tuple_delete PASSED	[40%]
test.py::test_word_trie PASSED	[44%]
test.py::test_phrase_trie PASSED	[48%]
test.py::test_big_corpora[holmes] PASSED	[52%]
test.py::test_big_corpora[earnest] PASSED	[56%]
test.py::test_big_corpora[frankenstein] PASSED	[60%]
test.py::test_autocomplete_small PASSED	[64%]
test.py::test_autocomplete_big_1 PASSED	[68%]
test.py::test_big_autocomplete_2 PASSED	[72%]
test.py::test_big_autocomplete_3 PASSED	[76%]
test.py::test_05_big_phrase_autocomplete PASSED	[80%]
test.py::test_autocorrect_small PASSED	[84%]
test.py::test_autocorrect_big PASSED	[88%]
test.py::test_filters_small PASSED	[92%]
test.py::test_filter_big_1 PASSED	[96%]
test.py::test_filter_big_2 PASSED	[100%]

collecting collected 12 items	
lab8/test.py::test_combinations PASSED	[8%]
lab8/test.py::test_display_1 PASSED	[16%]
lab8/test.py::test_display_2 PASSED	[25%]
lab8/test.py::test_display_3 PASSED	[33%]
lab8/test.py::test_derivative PASSED	[41%]
lab8/test.py::test_simplify_1 PASSED	[50%]
lab8/test.py::test_simplify_2 PASSED	[58%]
lab8/test.py::test_simplify_3 PASSED	[66%]
lab8/test.py::test_eval_1 PASSED	[75%]
lab8/test.py::test_eval_2 PASSED	[83%]
lab8/test.py::test_parse_1 PASSED	[91%]
lab8/test.py::test_parse_2 PASSED	[100%]
12 passed in 1.41s	

collecting ... collected 29 items 3%1 test.py::test_tokenize PASSED test.py::test_parse PASSED [6%] test.py::test_tokenize_and_parse_PASSED [10%] test.py::test calc PASSED [13%] test.py::test mult div PASSED [17%] test.py::test_simple_assignment_1 PASSED [20%] test.py::test_simple_assignment_2 PASSED [24%] test.py::test_bad_lookups PASSED [27%] test.py::test rename builtin PASSED [31%] test.py::test simple function PASSED [34%] test.py::test inline lambda PASSED [37%] test.py::test closures PASSED [41%] test.py::test short definition PASSED [44%] test.py::test_dependent_definition PASSED [48%] test.py::test_scoping_1 PASSED [51%] test.py::test_scoping 2 PASSED [55%] test.py::test_scoping_3_PASSED [58%] test.py::test scoping 4 PASSED [62%] test.py::test_scoping_5 PASSED [65%] test.py::test_calling_errors PASSED [68%] test.py::test_functionception PASSED 72%1 test.py::test alias PASSED [75%] test.py::test_big_scoping_1 PASSED [79%] test.py::test_big_scoping_2 PASSED 82%] test.py::test_big_scoping_3 PASSED [86%] test.py::test_big_scoping_4 PASSED [89%] test.py::test_more_syntax PASSED [93%] test.py::test_nested_defines_PASSED [96%] test.py::test_nested_defines 2 PASSED [100%]

collecting collected 44 items		
test.py::test_oldbehaviors PASSED	[2%]
test.py::test_conditionals PASSED	[4%]
test.py::test_abs PASSED	[6%]
test.py::test_and PASSED	[9%]
test.py::test_or PASSED	[11%]
test.py::test_not PASSED	[13%]
test.py::test_shortcircuit_1 PASSED	[15%]
test.py::test_shortcircuit_2 PASSED	[18%]
test.py::test_shortcircuit_3 PASSED	[20%]
test.py::test_shortcircuit_4 PASSED	[22%]
test.py::test_conditional_scoping PASSED	[25%]
test.py::test_conditional_scoping_2 PASSED	[27%]
test.py::test_cons_lists PASSED	[29%]
test.py::test_car_cdr PASSED	[31%]
test.py::test_car_cdr_2 PASSED	[34%]
test.py::test_length PASSED	[36%]
test.py::test_indexing PASSED	[38%]
test.py::test_concat PASSED	[40%]
test.py::test_list_ops PASSED	[43%]
test.py::test_map_builtin PASSED	[45%]
test.py::test_map_snekfunc PASSED	[47%]
test.py::test_filter_builtin PASSED	[50%]
test.py::test_filter_snekfunc PASSED	[52%]
test.py::test_reduce_builtin PASSED	[54%]
test.py::test_reduce_snekfunc PASSED	[56%]
test.py::test_map_filter_reduce PASSED	[59%]
test.py::test_begin PASSED	[61%]
test.py::test_file PASSED	[63%]
test.py::test_file_2 PASSED	[65%]
test.py::test_file_3 PASSED	[68%]
test.py::test_file_4 PASSED	[70%]
test.py::test_file_5 PASSED	[72%]
test.py::test_let PASSED	[75%]
test.py::test_let_2 PASSED	[77%]
test.py::test_let_3 PASSED	[79%]
test.py::test_setbang PASSED	[81%]
test.py::test_begin2 PASSED	[84%]
test.py::test_deep_nesting_1 PASSED	[86%]
test.py::test_deep_nesting_2 PASSED	[88%]
test.py::test_deep_nesting_3 PASSED	[90%]
test.py::test_counters_oop PASSED	[93%]
test.py::test_fizzbuzz PASSED	[95%]
test.py::test_primes PASSED	[97%]
test.py::test_averages_oop PASSED	[1	00%]
44 passed in 2.13s	==	====
[Finished in 2.599s]		