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/usr/local/bin/python3.11 /Users/Mark_1/Downloads/Cryptography/code_assignments/code/run_all_test_modules.py
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Ran 80 tests in 257.275s
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OK
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Name	Stmts	Miss	Cover
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EuclideanAlgo.py	31	0	100%
EuclideanAlgo_test.py	24	0	100%
ExtendedEuclidean.py	17	1	94%
ExtendedEuclidean_test.py	23	0	100%
baby_step_giant_step.py	22	0	100%
baby_step_giant_step_test.py	39	0	100%
binary_string_cross_product.py	10	0	100%
binary_string_cross_product_test.py	20	0	100%
blum_blum_shub.py	18	0	100%
blum_blum_shub_test.py	7	0	100%
blum_blum_shub_with_fixed_seeds.py	14	0	100%
blum_blum_shub_with_fixed_seeds_test.py	13	0	100%
break_el_gamal.py	9	0	100%
break_el_gamal_test.py	26	0	100%
break_rsa.py	31	0	100%
break_rsa_test.py	61	3	95%
decimal_to_binary.py	3	0	100%
decimal_to_binary_test.py	9	0	100%
el_gamal.py	33	1	97%
el_gamal_test.py	34	0	100%
fast_expo_modulo.py	12	0	100%
fast_expo_modulo_test.py	21	0	100%
fast_exponentiation.py	10	0	100%
fast_exponentiation_test.py	11	0	100%
find_prime_divisors.py	14	0	100%
find_prime_divisors_test.py	14	0	100%
generate_large_prime.py	13	0	100%
generate_large_prime_test.py	16	0	100%

is_prime.py	10	0	100%
is_prime_test.py	19	0	100%
miller_rabin.py	57	0	100%
miller_rabin_test.py	38	0	100%
n_bits_random_number_generator.py	10	0	100%
n_bits_random_number_generator_test.py	13	0	100%
n_bits_random_prime_generator.py	10	0	100%
n_bits_random_prime_generator_test.py	16	0	100%
n_bits_safe_prime_generator.py	12	0	100%
n_bits_safe_prime_generator_test.py	13	0	100%
naor_reingold.py	34	1	97%
naor_reingold_test.py	13	0	100%
pick_relatively_prime.py	7	0	100%
pick_relatively_prime_test.py	8	0	100%
pollard_p_1_factorization_factorial_version.py	40	7	82%
pollard_p_1_factorization_lecture_version.py	45	6	87%
pollard_p_1_factorization_lecture_version_test.py	51	2	96%
pollard_p_1_factorization_test_factorial_version_test.py	43	2	95%
pollard_rho_factorization.py	30	1	97%
pollard_rho_factorization_test.py	29	6	79%
primitive_root_search.py	24	0	100%
primitive_root_search_test.py	25	0	100%
random_number_generator.py	12	0	100%
random_number_generator_test.py	10	0	100%
random_prime_generator.py	8	0	100%
random_prime_generator_test.py	11	0	100%
rsa_without_padding.py	22	0	100%
rsa_without_padding_test.py	35	0	100%
safe_prime_generator.py	8	0	100%
safe_prime_generator_test.py	13	0	100%
search_only_one_primitive_root.py	21	1	95%
search_only_one_primitive_root_test.py	37	0	100%

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TOTAL	1279	31	98%
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HTML coverage report generated in the 'htmlcov' directory.