[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 28 tests passed:

- test\_generated\_mutants [0.09506 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.11246 s] killed by test\_generated\_mutants.py::test\_single\_word\_non\_prime\_length

- [# 2] COI source\_to\_mutate: [0.07438 s] killed by test\_generated\_mutants.py::test\_multiple\_words\_with\_prime\_lengths

- [# 3] COI source\_to\_mutate: [0.06152 s] killed by test\_generated\_mutants.py::test\_multiple\_words\_with\_prime\_lengths

- [# 4] COI source\_to\_mutate: [0.07710 s] killed by test\_generated\_mutants.py::test\_single\_word\_prime\_length

- [# 5] LCR source\_to\_mutate: [0.07068 s] killed by test\_generated\_mutants.py::test\_multiple\_words\_with\_prime\_lengths

- [# 6] ROR source\_to\_mutate: [0.05574 s] killed by test\_generated\_mutants.py::test\_multiple\_words\_with\_prime\_lengths

- [# 7] ROR source\_to\_mutate: [0.06387 s] killed by test\_generated\_mutants.py::test\_multiple\_words\_with\_prime\_lengths

- [# 8] ROR source\_to\_mutate: [0.06373 s] killed by test\_generated\_mutants.py::test\_single\_word\_non\_prime\_length

- [# 9] ROR source\_to\_mutate: [0.08030 s] killed by test\_generated\_mutants.py::test\_single\_word\_non\_prime\_length

[\*] Mutation score [0.80138 s]: 100.0%

- all: 9

- killed: 9 (100.0%)

- survived: 0 (0.0%)

- incompetent: 0 (0.0%)

- timeout: 0 (0.0%)

[SUCCESS] Initial tests passed. Now calculating coverage and mutation score.

--- Step 4: Calculating test coverage ---

[INFO] Running coverage for target: mutation\_output\source\_to\_mutate.py, tests: mutation\_output\test\_generated\_mutants.py

Name Stmts Miss Branch BrPart Cover Missing

-----------------------------------------------------------------

source\_to\_mutate.py 12 0 10 0 100%

-----------------------------------------------------------------

TOTAL 12 0 10 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 100.00%

--- Analysis Finished ---