[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 19 tests passed:

- test\_generated\_mutants [0.09836 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.10596 s] killed by test\_generated\_mutants.py::test\_ascending\_order

- [# 2] ASR source\_to\_mutate: [0.06325 s] killed by test\_generated\_mutants.py::test\_duplicates\_more\_than\_two

- [# 3] COI source\_to\_mutate: [0.08484 s] killed by test\_generated\_mutants.py::test\_single\_element

- [# 4] COI source\_to\_mutate: [0.06308 s] killed by test\_generated\_mutants.py::test\_single\_element

- [# 5] ROR source\_to\_mutate: [0.06981 s] killed by test\_generated\_mutants.py::test\_single\_element

- [# 6] ROR source\_to\_mutate: [0.06593 s] killed by test\_generated\_mutants.py::test\_duplicates\_less\_than\_three

- [# 7] ROR source\_to\_mutate: [0.07673 s] killed by test\_generated\_mutants.py::test\_ascending\_order

- [# 8] ROR source\_to\_mutate: [0.08231 s] killed by test\_generated\_mutants.py::test\_duplicates\_less\_than\_three

[\*] Mutation score [0.74839 s]: 100.0%

- all: 8

- killed: 8 (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 9 0 6 0 100%

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

TOTAL 9 0 6 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 100.00%

--- Analysis Finished ---