[\*] 17 tests passed:

- test\_generated\_mutants [0.10488 s]

[\*] Start mutants generation and execution:

- [# 1] AOD source\_to\_mutate: [0.09951 s] killed by test\_generated\_mutants.py::test\_empty\_array

- [# 2] AOR source\_to\_mutate: [0.07262 s] killed by test\_generated\_mutants.py::test\_empty\_array

- [# 3] AOR source\_to\_mutate: [0.07216 s] killed by test\_generated\_mutants.py::test\_sorted\_array

- [# 4] ASR source\_to\_mutate: [0.06822 s] killed by test\_generated\_mutants.py::test\_sorted\_array

- [# 5] COI source\_to\_mutate: [0.06757 s] killed by test\_generated\_mutants.py::test\_empty\_array

- [# 6] COI source\_to\_mutate: [0.05209 s] killed by test\_generated\_mutants.py::test\_sorted\_array

- [# 7] ROR source\_to\_mutate: [0.07553 s] killed by test\_generated\_mutants.py::test\_empty\_array

- [# 8] ROR source\_to\_mutate: [0.06744 s] killed by test\_generated\_mutants.py::test\_single\_element\_array

- [# 9] ROR source\_to\_mutate: [0.06423 s] killed by test\_generated\_mutants.py::test\_sorted\_array

- [# 10] ROR source\_to\_mutate: [0.07893 s] killed by test\_generated\_mutants.py::test\_all\_equal

[\*] Mutation score [0.85164 s]: 100.0%

- all: 10

- killed: 10 (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 8 0 4 0 100%

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

TOTAL 8 0 4 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 100.00%

--- Analysis Finished ---