[\*] 9 tests passed:

- test\_generated\_mutants [0.11139 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.10722 s] killed by test\_generated\_mutants.py::test\_x\_or\_y\_not\_prime

- [# 2] BCR source\_to\_mutate: [0.07742 s] survived

- [# 3] COI source\_to\_mutate: [0.05598 s] killed by test\_generated\_mutants.py::test\_x\_or\_y\_prime

- [# 4] COI source\_to\_mutate: [0.07988 s] killed by test\_generated\_mutants.py::test\_x\_or\_y\_prime

- [# 5] ROR source\_to\_mutate: [0.06036 s] killed by test\_generated\_mutants.py::test\_x\_or\_y\_prime

- [# 6] ROR source\_to\_mutate: [0.06401 s] killed by test\_generated\_mutants.py::test\_x\_or\_y\_prime

[\*] Mutation score [0.56399 s]: 83.3%

- all: 6

- killed: 5 (83.3%)

- survived: 1 (16.7%)

- 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 7 0 6 0 100%

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

TOTAL 7 0 6 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 83.30%

--- Analysis Finished ---