--- Step 3: Running mutation testing (Attempt 1/40) ---

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

[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 7 tests passed:

- test\_generated\_mutants [1.07983 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.37334 s] incompetent

- [# 2] AOR source\_to\_mutate: [0.17585 s] incompetent

- [# 3] CRP source\_to\_mutate: [0.16014 s] killed by test\_generated\_mutants.py::test\_decimal\_to\_binary\_zero

- [# 4] CRP source\_to\_mutate: [0.19114 s] killed by test\_generated\_mutants.py::test\_decimal\_to\_binary\_zero

- [# 5] CRP source\_to\_mutate: [0.17489 s] killed by test\_generated\_mutants.py::test\_decimal\_to\_binary\_zero

- [# 6] CRP source\_to\_mutate: [0.17653 s] killed by test\_generated\_mutants.py::test\_decimal\_to\_binary\_zero

- [# 7] CRP source\_to\_mutate: [0.18915 s] killed by test\_generated\_mutants.py::test\_decimal\_to\_binary\_zero

- [# 8] SIR source\_to\_mutate: [0.17105 s] killed by test\_generated\_mutants.py::test\_decimal\_to\_binary\_zero

[\*] Mutation score [2.72426 s]: 100.0%

- all: 8

- killed: 6 (75.0%)

- survived: 0 (0.0%)

- incompetent: 2 (25.0%)

- 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 2 0 0 0 100%

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

TOTAL 2 0 0 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 100.00%

--- Analysis Finished ---