--- Step 3: Running mutation testing (Attempt 8/40) ---

[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

[\*] 15 tests passed:

- test\_generated\_mutants [1.06356 s]

[\*] Start mutants generation and execution:

- [# 1] CRP source\_to\_mutate: [0.37852 s] killed by test\_generated\_mutants.py::test\_mixed\_positive\_and\_negative\_integers

- [# 2] CRP source\_to\_mutate: [0.20286 s] killed by test\_generated\_mutants.py::test\_positive\_integers

- [# 3] CRP source\_to\_mutate: [0.21830 s] killed by test\_generated\_mutants.py::test\_positive\_integers

- [# 4] SIR source\_to\_mutate: [0.18400 s] survived

[\*] Mutation score [2.06827 s]: 75.0%

- all: 4

- killed: 3 (75.0%)

- survived: 1 (25.0%)

- 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 2 0 0 0 100%

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

TOTAL 2 0 0 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 75.00%

--- Analysis Finished ---