[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

[\*] 18 tests passed:

- test\_generated\_mutants [1.12355 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.39348 s] killed by test\_generated\_mutants.py::test\_generate\_integers\_ascending

- [# 2] AOR source\_to\_mutate: [0.21119 s] killed by test\_generated\_mutants.py::test\_generate\_integers\_ascending

- [# 3] CRP source\_to\_mutate: [0.34259 s] killed by test\_generated\_mutants.py::test\_generate\_integers\_ascending

- [# 4] CRP source\_to\_mutate: [0.18823 s] survived

- [# 5] CRP source\_to\_mutate: [0.17658 s] killed by test\_generated\_mutants.py::test\_generate\_integers\_same\_number\_odd

- [# 6] CRP source\_to\_mutate: [0.17386 s] killed by test\_generated\_mutants.py::test\_generate\_integers\_ascending

- [# 7] CRP source\_to\_mutate: [0.16505 s] killed by test\_generated\_mutants.py::test\_generate\_integers\_ascending

- [# 8] ROR source\_to\_mutate: [0.16428 s] killed by test\_generated\_mutants.py::test\_generate\_integers\_ascending

[\*] Mutation score [2.99759 s]: 87.5%

- all: 8

- killed: 7 (87.5%)

- survived: 1 (12.5%)

- 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 4 0 0 0 100%

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

TOTAL 4 0 0 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 87.50%

--- Analysis Finished ---