--- Step 3: Running mutation testing (Attempt 5/40) ---

[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

[\*] 34 tests passed:

- test\_generated\_mutants [1.29058 s]

[\*] Start mutants generation and execution:

- [# 1] AOD source\_to\_mutate: [0.34338 s] killed by test\_generated\_mutants.py::test\_numbers\_with\_leading\_zeros

- [# 2] AOR source\_to\_mutate: [0.27095 s] killed by test\_generated\_mutants.py::test\_numbers\_with\_leading\_zeros

- [# 3] ASR source\_to\_mutate: [0.19019 s] killed by test\_generated\_mutants.py::test\_single\_number\_greater\_than\_10\_with\_odd\_digits

- [# 4] COI source\_to\_mutate: [0.23198 s] killed by test\_generated\_mutants.py::test\_no\_numbers\_greater\_than\_10

- [# 5] COI source\_to\_mutate: [0.17992 s] killed by test\_generated\_mutants.py::test\_no\_numbers\_with\_odd\_first\_and\_last\_digits

- [# 6] COI source\_to\_mutate: [0.20719 s] killed by test\_generated\_mutants.py::test\_single\_number\_greater\_than\_10\_with\_odd\_digits

- [# 7] COI source\_to\_mutate: [0.27763 s] killed by test\_generated\_mutants.py::test\_no\_numbers\_with\_odd\_first\_and\_last\_digits

- [# 8] CRP source\_to\_mutate: [0.21569 s] killed by test\_generated\_mutants.py::test\_empty\_array

- [# 9] CRP source\_to\_mutate: [0.20172 s] killed by test\_generated\_mutants.py::test\_single\_number\_greater\_than\_10\_with\_odd\_digits

- [# 10] CRP source\_to\_mutate: [0.16900 s] killed by test\_generated\_mutants.py::test\_single\_number\_greater\_than\_10\_with\_odd\_digits

- [# 11] CRP source\_to\_mutate: [0.18858 s] killed by test\_generated\_mutants.py::test\_multiple\_numbers\_greater\_than\_10\_with\_odd\_digits

- [# 12] CRP source\_to\_mutate: [0.17844 s] killed by test\_generated\_mutants.py::test\_no\_numbers\_with\_odd\_first\_and\_last\_digits

- [# 13] CRP source\_to\_mutate: [0.18374 s] killed by test\_generated\_mutants.py::test\_multiple\_numbers\_greater\_than\_10\_with\_odd\_digits

- [# 14] CRP source\_to\_mutate: [0.16496 s] killed by test\_generated\_mutants.py::test\_multiple\_numbers\_greater\_than\_10\_with\_odd\_digits

- [# 15] CRP source\_to\_mutate: [0.16758 s] killed by test\_generated\_mutants.py::test\_numbers\_with\_leading\_zeros

- [# 16] CRP source\_to\_mutate: [0.17349 s] killed by test\_generated\_mutants.py::test\_no\_numbers\_with\_odd\_first\_and\_last\_digits

- [# 17] CRP source\_to\_mutate: [0.19256 s] killed by test\_generated\_mutants.py::test\_single\_number\_greater\_than\_10\_with\_odd\_digits

- [# 18] LCR source\_to\_mutate: [0.16951 s] killed by test\_generated\_mutants.py::test\_no\_numbers\_with\_odd\_first\_and\_last\_digits

- [# 19] ROR source\_to\_mutate: [0.21694 s] killed by test\_generated\_mutants.py::test\_no\_numbers\_greater\_than\_10

- [# 20] ROR source\_to\_mutate: [0.20013 s] survived

[\*] Mutation score [5.49841 s]: 95.0%

- all: 20

- killed: 19 (95.0%)

- survived: 1 (5.0%)

- 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 9 0 6 0 100%

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

TOTAL 9 0 6 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 95.00%

--- Analysis Finished ---