[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

[\*] 14 tests passed:

- test\_generated\_mutants [1.10645 s]

[\*] Start mutants generation and execution:

- [# 1] COD source\_to\_mutate: [0.33623 s] killed by test\_generated\_mutants.py::test\_string\_with\_vowels\_and\_newline

- [# 2] CRP source\_to\_mutate: [0.15557 s] killed by test\_generated\_mutants.py::test\_string\_with\_vowels\_and\_newline

- [# 3] CRP source\_to\_mutate: [0.20221 s] killed by test\_generated\_mutants.py::test\_string\_with\_vowels\_and\_newline

- [# 4] CRP source\_to\_mutate: [0.14419 s] killed by test\_generated\_mutants.py::test\_string\_with\_vowels\_and\_newline

- [# 5] CRP source\_to\_mutate: [0.16426 s] killed by test\_generated\_mutants.py::test\_string\_with\_vowels\_and\_newline

- [# 6] CRP source\_to\_mutate: [0.16536 s] killed by test\_generated\_mutants.py::test\_string\_with\_vowels\_and\_newline

- [# 7] CRP source\_to\_mutate: [0.15823 s] killed by test\_generated\_mutants.py::test\_string\_with\_vowels\_and\_newline

- [# 8] CRP source\_to\_mutate: [0.15428 s] killed by test\_generated\_mutants.py::test\_string\_with\_vowels\_and\_newline

- [# 9] CRP source\_to\_mutate: [0.19899 s] killed by test\_generated\_mutants.py::test\_string\_with\_uppercase\_vowels

- [# 10] CRP source\_to\_mutate: [0.17749 s] killed by test\_generated\_mutants.py::test\_string\_with\_uppercase\_vowels

- [# 11] CRP source\_to\_mutate: [0.16959 s] killed by test\_generated\_mutants.py::test\_string\_with\_uppercase\_vowels

- [# 12] CRP source\_to\_mutate: [0.16205 s] killed by test\_generated\_mutants.py::test\_string\_with\_uppercase\_vowels

[\*] Mutation score [3.34113 s]: 100.0%

- all: 12

- killed: 12 (100.0%)

- survived: 0 (0.0%)

- 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: 100.00%

--- Analysis Finished ---