[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 22 tests passed:

- test\_generated\_mutants [0.25132 s]

[\*] Start mutants generation and execution:

- [# 1] AOD source\_to\_mutate: [0.34037 s] killed by test\_generated\_mutants.py::test\_is\_palindrome\_not\_palindrome

- [# 2] AOD source\_to\_mutate: [0.25242 s] killed by test\_generated\_mutants.py::test\_make\_palindrome\_simple\_case

- [# 3] AOR source\_to\_mutate: [0.18664 s] killed by test\_generated\_mutants.py::test\_is\_palindrome\_not\_palindrome

- [# 4] AOR source\_to\_mutate: [0.29776 s] incompetent

- [# 5] AOR source\_to\_mutate: [0.19653 s] killed by test\_generated\_mutants.py::test\_make\_palindrome\_simple\_case

- [# 6] ASR source\_to\_mutate: [0.12863 s] killed by test\_generated\_mutants.py::test\_make\_palindrome\_cata

- [# 7] COD source\_to\_mutate: [0.13724 s] killed by test\_generated\_mutants.py::test\_make\_palindrome\_single\_char

- [# 8] COD source\_to\_mutate: - [# 9] COI source\_to\_mutate: [0.29025 s] killed by test\_generated\_mutants.py::test\_make\_palindrome\_single\_char

- [# 10] COI source\_to\_mutate: - [# 11] ROR source\_to\_mutate: [0.22819 s] killed by test\_generated\_mutants.py::test\_is\_palindrome\_empty\_string

- [# 12] ROR source\_to\_mutate: [0.29657 s] killed by test\_generated\_mutants.py::test\_check\_empty\_string

- [# 13] ROR source\_to\_mutate: [0.28873 s] killed by test\_generated\_mutants.py::test\_check\_empty\_string

- [# 14] ROR source\_to\_mutate: [0.26022 s] killed by test\_generated\_mutants.py::test\_check\_empty\_string

- [# 15] ROR source\_to\_mutate: [0.29663 s] killed by test\_generated\_mutants.py::test\_check\_empty\_string

- [# 16] ROR source\_to\_mutate: [0.36486 s] killed by test\_generated\_mutants.py::test\_check\_empty\_string

- [# 17] SIR source\_to\_mutate: [0.21968 s] killed by test\_generated\_mutants.py::test\_is\_palindrome\_not\_palindrome

- [# 18] SIR source\_to\_mutate: - [# 19] SIR source\_to\_mutate: [0.14287 s] killed by test\_generated\_mutants.py::test\_make\_palindrome\_single\_char

- [# 20] SIR source\_to\_mutate: [0.13978 s] killed by test\_generated\_mutants.py::test\_make\_palindrome\_simple\_case

[\*] Mutation score [19.61733 s]: 100.0%

- all: 20

- killed: 16 (80.0%)

- survived: 0 (0.0%)

- incompetent: 1 (5.0%)

- timeout: 3 (15.0%)

[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 16 0 4 0 100%

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

TOTAL 16 0 4 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 100.00%