[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 37 tests passed:

- test\_generated\_mutants [1.35510 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: - [# 2] AOR source\_to\_mutate: [0.19851 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_1

- [# 3] ASR source\_to\_mutate: [6.84655 s] timeout

- [# 4] ASR source\_to\_mutate: [0.16855 s] incompetent

- [# 5] ASR source\_to\_mutate: - [# 6] ASR source\_to\_mutate: [0.17578 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_1

- [# 7] COI source\_to\_mutate: [0.16619 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_1

- [# 8] COI source\_to\_mutate: [0.17120 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_1

- [# 9] CRP source\_to\_mutate: [0.16607 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_1

- [# 10] CRP source\_to\_mutate: [0.16815 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_4

- [# 11] CRP source\_to\_mutate: [0.17443 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_5

- [# 12] CRP source\_to\_mutate: [0.16912 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_9

- [# 13] CRP source\_to\_mutate: [0.17631 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_10

- [# 14] CRP source\_to\_mutate: [0.17811 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_40

- [# 15] CRP source\_to\_mutate: [0.17333 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_50

- [# 16] CRP source\_to\_mutate: [0.17501 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_90

- [# 17] CRP source\_to\_mutate: [0.18152 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_100

- [# 18] CRP source\_to\_mutate: [0.17599 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_400

- [# 19] CRP source\_to\_mutate: [0.22079 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_500

- [# 20] CRP source\_to\_mutate: [0.17971 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_900

- [# 21] CRP source\_to\_mutate: [0.17956 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_1000

- [# 22] CRP source\_to\_mutate: [0.17047 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_1

- [# 23] CRP source\_to\_mutate: [0.16054 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_1

- [# 24] CRP source\_to\_mutate: [0.17048 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_4

- [# 25] CRP source\_to\_mutate: [0.16788 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_4

- [# 26] CRP source\_to\_mutate: [0.16074 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_5

- [# 27] CRP source\_to\_mutate: [0.17460 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_5

- [# 28] CRP source\_to\_mutate: [0.17822 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_9

- [# 29] CRP source\_to\_mutate: [0.17344 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_9

- [# 30] CRP source\_to\_mutate: [0.17173 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_10

- [# 31] CRP source\_to\_mutate: [0.16782 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_10

- [# 32] CRP source\_to\_mutate: [0.17835 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_40

- [# 33] CRP source\_to\_mutate: [0.17098 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_40

- [# 34] CRP source\_to\_mutate: [0.17570 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_50

- [# 35] CRP source\_to\_mutate: [0.21022 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_50

- [# 36] CRP source\_to\_mutate: [0.17809 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_90

- [# 37] CRP source\_to\_mutate: [0.17459 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_90

- [# 38] CRP source\_to\_mutate: [0.21322 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_100

- [# 39] CRP source\_to\_mutate: [0.17715 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_100

- [# 40] CRP source\_to\_mutate: [0.17636 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_400

- [# 41] CRP source\_to\_mutate: [0.16567 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_400

- [# 42] CRP source\_to\_mutate: [0.17722 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_500

- [# 43] CRP source\_to\_mutate: [0.17841 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_500

- [# 44] CRP source\_to\_mutate: [0.18812 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_900

- [# 45] CRP source\_to\_mutate: [0.18527 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_900

- [# 46] CRP source\_to\_mutate: [0.19780 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_1000

- [# 47] CRP source\_to\_mutate: [0.18580 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_1000

- [# 48] CRP source\_to\_mutate: [0.17962 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_1

- [# 49] CRP source\_to\_mutate: [0.16810 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_1

- [# 50] CRP source\_to\_mutate: - [# 51] CRP source\_to\_mutate: [0.24865 s] killed by test\_generated\_mutants.py::test\_int\_to\_mini\_roman\_4

[\*] Mutation score [37.31536 s]: 100.0%

- all: 51

- killed: 46 (90.2%)

- survived: 0 (0.0%)

- incompetent: 1 (2.0%)

- timeout: 4 (7.8%)

[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 13 0 4 0 100%

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

TOTAL 13 0 4 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 100.00%

--- Analysis Finished ---