[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 24 tests passed:

- test\_generated\_mutants [0.12055 s]

[\*] Start mutants generation and execution:

- [# 1] COD source\_to\_mutate: [0.14517 s] killed by test\_generated\_mutants.py::test\_valid\_file\_name

- [# 2] COD source\_to\_mutate: [0.06857 s] killed by test\_generated\_mutants.py::test\_valid\_file\_name

- [# 3] COI source\_to\_mutate: [0.07534 s] killed by test\_generated\_mutants.py::test\_valid\_file\_name

- [# 4] COI source\_to\_mutate: [0.06092 s] killed by test\_generated\_mutants.py::test\_valid\_file\_name

- [# 5] COI source\_to\_mutate: [0.07820 s] killed by test\_generated\_mutants.py::test\_valid\_file\_name

- [# 6] COI source\_to\_mutate: [0.05631 s] killed by test\_generated\_mutants.py::test\_valid\_file\_name

- [# 7] COI source\_to\_mutate: [0.07949 s] killed by test\_generated\_mutants.py::test\_valid\_file\_name

- [# 8] COI source\_to\_mutate: [0.07192 s] killed by test\_generated\_mutants.py::test\_valid\_file\_name

- [# 9] ROR source\_to\_mutate: [0.07917 s] killed by test\_generated\_mutants.py::test\_valid\_file\_name

- [# 10] ROR source\_to\_mutate: [0.07113 s] killed by test\_generated\_mutants.py::test\_valid\_file\_name

- [# 11] ROR source\_to\_mutate: [0.06434 s] killed by test\_generated\_mutants.py::test\_valid\_file\_name

- [# 12] ROR source\_to\_mutate: [0.08581 s] killed by test\_generated\_mutants.py::test\_valid\_file\_name\_with\_digits

[\*] Mutation score [1.12771 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 15 0 10 0 100%

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

TOTAL 15 0 10 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 100.00%

--- Analysis Finished ---