[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 17 tests passed:

- test\_generated\_mutants [1.26671 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.38790 s] incompetent

- [# 2] ASR source\_to\_mutate: [0.22474 s] incompetent

- [# 3] CRP source\_to\_mutate: [0.20970 s] killed by test\_generated\_mutants.py::test\_addition\_and\_multiplication

- [# 4] CRP source\_to\_mutate: [0.17550 s] killed by test\_generated\_mutants.py::test\_addition\_and\_multiplication

- [# 5] SIR source\_to\_mutate: [0.16235 s] killed by test\_generated\_mutants.py::test\_addition\_and\_multiplication

[\*] Mutation score [2.47833 s]: 100.0%

- all: 5

- killed: 3 (60.0%)

- survived: 0 (0.0%)

- incompetent: 2 (40.0%)

- 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 5 0 2 0 100%

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

TOTAL 5 0 2 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 100.00%

--- Analysis Finished ---