[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 17 tests passed:

- test\_generated\_mutants [1.79851 s]

[\*] Start mutants generation and execution:

- [# 1] AOD source\_to\_mutate: [0.27885 s] survived

- [# 2] AOD source\_to\_mutate: [0.28114 s] survived

- [# 3] AOD source\_to\_mutate: [0.26678 s] survived

- [# 4] AOD source\_to\_mutate: [0.29977 s] survived

- [# 5] AOD source\_to\_mutate: [0.26385 s] survived

- [# 6] AOD source\_to\_mutate: [0.26350 s] survived

- [# 7] AOR source\_to\_mutate: [0.51622 s] killed by test\_generated\_mutants.py::test\_positive\_odd\_and\_even

- [# 8] AOR source\_to\_mutate: [0.24994 s] killed by test\_generated\_mutants.py::test\_positive\_odd\_and\_even

- [# 9] AOR source\_to\_mutate: [0.26751 s] survived

- [# 10] AOR source\_to\_mutate: [0.24584 s] survived

- [# 11] AOR source\_to\_mutate: [0.24583 s] survived

- [# 12] AOR source\_to\_mutate: [0.24391 s] survived

- [# 13] AOR source\_to\_mutate: [0.22018 s] survived

- [# 14] AOR source\_to\_mutate: [0.22284 s] survived

- [# 15] AOR source\_to\_mutate: [0.21284 s] survived

- [# 16] AOR source\_to\_mutate: [0.18965 s] survived

- [# 17] COD source\_to\_mutate: [0.17150 s] killed by test\_generated\_mutants.py::test\_positive\_odd\_and\_even

- [# 18] CRP source\_to\_mutate: [0.19557 s] killed by test\_generated\_mutants.py::test\_positive\_odd\_and\_even

- [# 19] CRP source\_to\_mutate: [0.20245 s] killed by test\_generated\_mutants.py::test\_positive\_odd\_and\_even

- [# 20] CRP source\_to\_mutate: [0.17709 s] killed by test\_generated\_mutants.py::test\_positive\_odd\_and\_even

- [# 21] CRP source\_to\_mutate: [0.18528 s] killed by test\_generated\_mutants.py::test\_positive\_odd\_and\_even

- [# 22] CRP source\_to\_mutate: [0.18026 s] killed by test\_generated\_mutants.py::test\_float\_and\_integers

- [# 23] CRP source\_to\_mutate: [0.18425 s] killed by test\_generated\_mutants.py::test\_positive\_odd\_and\_even

- [# 24] CRP source\_to\_mutate: [0.24319 s] survived

- [# 25] CRP source\_to\_mutate: [0.18123 s] survived

- [# 26] CRP source\_to\_mutate: [0.17566 s] survived

- [# 27] CRP source\_to\_mutate: [0.18361 s] survived

- [# 28] CRP source\_to\_mutate: [0.19090 s] survived

- [# 29] CRP source\_to\_mutate: [0.19267 s] survived

- [# 30] CRP source\_to\_mutate: [0.18184 s] survived

- [# 31] CRP source\_to\_mutate: [0.18257 s] survived

- [# 32] CRP source\_to\_mutate: [0.17760 s] survived

- [# 33] CRP source\_to\_mutate: [0.17574 s] survived

- [# 34] CRP source\_to\_mutate: [0.18500 s] survived

- [# 35] CRP source\_to\_mutate: [0.19464 s] survived

- [# 36] CRP source\_to\_mutate: [0.19169 s] survived

- [# 37] CRP source\_to\_mutate: [0.18687 s] survived

- [# 38] CRP source\_to\_mutate: [0.19097 s] survived

- [# 39] CRP source\_to\_mutate: [0.19619 s] survived

- [# 40] CRP source\_to\_mutate: [0.23704 s] survived

- [# 41] CRP source\_to\_mutate: [0.21319 s] survived

- [# 42] CRP source\_to\_mutate: [0.19996 s] survived

- [# 43] CRP source\_to\_mutate: [0.19893 s] survived

- [# 44] CRP source\_to\_mutate: [0.19992 s] survived

- [# 45] CRP source\_to\_mutate: [0.19675 s] survived

- [# 46] CRP source\_to\_mutate: [0.27723 s] survived

- [# 47] CRP source\_to\_mutate: [0.20624 s] survived

- [# 48] CRP source\_to\_mutate: [0.19356 s] survived

- [# 49] CRP source\_to\_mutate: [0.19679 s] survived

- [# 50] CRP source\_to\_mutate: [0.17516 s] survived

- [# 51] CRP source\_to\_mutate: [0.20005 s] survived

- [# 52] CRP source\_to\_mutate: [0.19257 s] survived

- [# 53] CRP source\_to\_mutate: [0.20061 s] survived

- [# 54] CRP source\_to\_mutate: [0.20860 s] survived

- [# 55] CRP source\_to\_mutate: [0.28144 s] survived

- [# 56] CRP source\_to\_mutate: [0.19151 s] survived

- [# 57] CRP source\_to\_mutate: [0.17699 s] survived

- [# 58] CRP source\_to\_mutate: [0.18212 s] survived

- [# 59] CRP source\_to\_mutate: [0.18166 s] survived

- [# 60] CRP source\_to\_mutate: [0.19114 s] survived

- [# 61] CRP source\_to\_mutate: [0.19085 s] survived

- [# 62] CRP source\_to\_mutate: [0.19664 s] survived

- [# 63] CRP source\_to\_mutate: [0.19621 s] survived

- [# 64] CRP source\_to\_mutate: [0.19085 s] survived

- [# 65] LCR source\_to\_mutate: [0.16833 s] killed by test\_generated\_mutants.py::test\_positive\_odd\_and\_even

- [# 66] LCR source\_to\_mutate: [0.18728 s] survived

- [# 67] ROR source\_to\_mutate: [0.23325 s] killed by test\_generated\_mutants.py::test\_positive\_odd\_and\_even

- [# 68] ROR source\_to\_mutate: [0.27414 s] survived

- [# 69] ROR source\_to\_mutate: [0.17816 s] killed by test\_generated\_mutants.py::test\_positive\_odd\_and\_even

- [# 70] ROR source\_to\_mutate: [0.19726 s] survived

- [# 71] ROR source\_to\_mutate: [0.20824 s] survived

- [# 72] ROR source\_to\_mutate: [0.18391 s] survived

- [# 73] ROR source\_to\_mutate: [0.17274 s] survived

- [# 74] ROR source\_to\_mutate: [0.25667 s] survived

- [# 75] ROR source\_to\_mutate: [0.25589 s] survived

- [# 76] ROR source\_to\_mutate: [0.17393 s] survived

- [# 77] ROR source\_to\_mutate: [0.17704 s] survived

- [# 78] ROR source\_to\_mutate: [0.18596 s] survived

- [# 79] ROR source\_to\_mutate: [0.17744 s] survived

[\*] Mutation score [18.70731 s]: 15.2%

- all: 79

- killed: 12 (15.2%)

- survived: 67 (84.8%)

- 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 12 9 0 0 25% 18-29

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

TOTAL 12 9 0 0 25%

--- Step 5: Final Results ---

[INFO] Test Coverage: 25%

[INFO] Mutation Score: 15.20%

--- Analysis Finished ---

Process completed. Final test code is available in the output directory.