

Code Quality Analysis Report

PyLint Analysis

Summary:

- convention: 7
- warning: 2

Top Issues:

security_issue.py:1 [convention] Missing module docstring

security_issue.py:7 [convention] Constant name "user_input" doesn't conform to UPPER_CASE naming style

security_issue.py:8 [warning] Use of eval

security_issue.py:11 [convention] Constant name "password" doesn't conform to UPPER_CASE naming style

main.py:4 [warning] Bad indentation. Found 1 spaces, expected 4

Radon Analysis

Summary:

- A: 2

Top Issues:

main.py:1 [A] function add (Complexity: 1)

main.py:3 [A] function main (Complexity: 1)

Bandit Analysis

Summary:

- LOW: 3
- MEDIUM: 1

Top Issues:

[LOW] security_issue.py:4 - Starting a process with a shell: Seems safe, but may be changed in the future, consider rewriting without shell

[LOW] security_issue.py:4 - Starting a process with a partial executable path

[MEDIUM] security_issue.py:8 - Use of possibly insecure function - consider using safer `ast.literal_eval`.

[LOW] security_issue.py:11 - Possible hardcoded password: 'SuperSecret123'