Report for the Python code:

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

I used the code from the QA exam, which was named broken\_img.py

For the test, first of all I used pylint, which showed me that I have

8.52/10 code and suggestet to improve following errors: missing class docstring,

missing function or method docstring, missing timeout argument,

unused import time.

After that I used flake8 test which showed me next errors: 'time' imported but not used,

expected 2 blank lines after class or funtion definition, found 1,

no new line at the end of the code.

Bandit test showed me that my code is not secure and I have the next issues in my code:

request\_without\_timeout, severity: Medium, Confidence: Low, CWE: CWE-400

Run metrics: medium: 1

Total issues: low: 1

File skipped (0):

Pygount test showed that I have 28 source code lines

Before Improvement:

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

Total Lines of Code (LOC): 39

Physical Lines of Code(PLOC): 28

Number of Comment Lines: 1

Number of Blank Lines: 6

\*On screenshots the name of the file is different because I changed

the name for better understanding where is the new/old code (before it was named main.py)

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

After the imrovement of my code I had the following result:

Pylint: 10/10

Bandit: secure code

Flake8: no errors're detected

Pygount: 27 source line in file

After Improvement:

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

Total Lines of Code (LOC): 52

Physical Lines of Code (PLOC): 27

Number of Comment Lines: 11 (Dedicated comment lines)

Number of Comment Lines: 13 (Total count of all comments)

Number of Blank Lines: 10