

Project Name
SoftwareEngineering

Branch
master

Report date
2020-12-24

Size Rating

XS

Lines of Code

246

Quality Gate

PASSED

Reliability

A

Bugs

0

Reliability on New Code

New Bugs

Security

A

Vulnerabilities

0

Security Hotspots

1

Security on New Code

New Vulnerabilities

New Security Hotspots

Maintainability

A

Code Smells

2

Debt Ratio

0.2%

Maintainability on New Code

New Code Smells

Debt Ratio on New Code

0

Issues by Severity



0

0

0



0

0

2



0

0

0



0

0

0



0

0

0

- Blocker
- Critical
- Major
- Minor
- Info

- Bug
- Vulnerability
- Code Smell

Coverage

0%

0%

Unit Tests

0

Coverage on New Code

0

Duplications

0%

0%

Duplicated Blocks

0

Duplications on New Code

0






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Top Common Issues

Severity

Rule

Type

Issues



String literals should not be duplicated (py)








2


Evaluation license

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Severity Levels

-  Blocker
-  Critical
-  Major
-  Minor
-  Info

 Multiple severities found

Issue Types

-  Bug
-  Vulnerability
-  Security Hotspot
-  Code Smell






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Top Issues By Severity

Severity

Rule

Type

Issues



String literals should not be duplicated (py)








2


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Severity Levels

-  Blocker
-  Critical
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 Multiple severities found

Issue Types

-  Bug
-  Vulnerability
-  Security Hotspot
-  Code Smell






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Top Security HotSpots to Review

Severity

Rule

Type

Issues



Using pseudorandom number generators (PRNGs) is security-sensitive (py)








1


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Severity Levels

-  Blocker
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 Multiple severities found

Issue Types

-  Bug
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Rule

String literals should not be duplicated

Language

py



Issues

2

Duplicated string literals make the process of refactoring error-prone, since you must be sure to update all occurrences.



design

Issues Breakdown

main.py	Define a constant instead of duplicating this literal "Enter key:" 3 times.	L23
main.py	Define a constant instead of duplicating this literal ' ' 3 times.	L6





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Rule

Using pseudorandom number generators (PRNGs) is security-sensitive

Language

py



Issues

1

Using pseudorandom number generators (PRNGs) is security-sensitive.



cwe owasp-a3

Issues Breakdown



main.py

Make sure that using this pseudorandom number generator is safe here.

L89

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