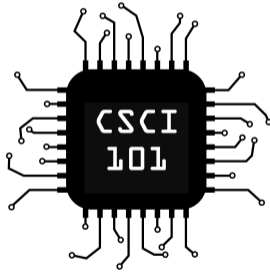


Pythonic Coding Style



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Legacy Code

It should be noted that when working on a project that was started before the ages of PEP-8 (before 2001), generally they have their own style guide and you should follow that instead. Otherwise, it would be generally considered unacceptable to not follow PEP-8.

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- Class names should be typed in `CapWords`
- Function, method, and class names should describe the interface rather than the implementation.
- Private methods and variables should start with an underscore.

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- Multiline `if/while` etc. should be indented to align with the top line

Other Pet Peeves

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¹It's OK to go to 90 or 100 if everyone in your project agrees.

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Yes: `spam(ham[1], {eggs: 2})`

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Yes: `spam(ham[1], {eggs: 2})`
No: `spam(ham[1], { eggs: 2 })`
- Don't use parentheses on `if/while` etc. like you might in C-like languages
Yes: `if i < 3:`
No: `if(i < 3):`

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Anything False, zero, or an empty sequence/mapping will implicitly be false, and you *should* take advantage of that.

Ok: `if mybool == True:`

Pythonic: `if mybool:`

Ok: `if mynumber != 0:`

Pythonic: `if mynumber:`

Ok: `if len(mylist) == 0:`

Pythonic: `if not mylist:`

Comments

Every comment in the source code is a personal failure of the programmer, because it proves that he didn't manage to express the purpose of the code fragment with the programming language itself.

— Uncle Bob



Readability Counts!

No really, it is of utmost importance that Python code be readable **by following the guidelines of PEP-8**. You should read through PEP-8 before getting serious with Python.