

python™ PEP 8 Style Guide Cheat Sheet

Based on the [PEP 8 Style Guide for Python Code](#) – Cheat Sheet by Fred Stiebler

Names to Avoid

Single letter names	Never use meaningless single letter variable names. Use descriptive names instead.
Abbreviated names	Do not use abbreviated variable names. Names like <code>std_name</code> are not clear. Names like <code>student_name</code> promote better code readability

Naming Conventions

Variables and objects	<code>snake_case</code>
Constants	<code>SCREAMING_SNAKE_CASE</code>
Methods and functions	<code>snake_case</code>
Classes and class files	<code>PascalCase</code> Note: Your main file is neither a class nor a package/module, however, to emphasise OOP we will consider it as your main class and use <code>PascalCase.py</code>
Packages and modules	<code>snake_case</code>

Best Practices

Code Documentation	Your code must be well documented to improve readability. Documentation might be in form of: <code># Line comments</code> Or <code>"""Docstrings"""</code>
Meaningful names	Variables, constants, functions, and files must have meaningful descriptive names. Never use abbreviations or single letter names.
Functions	Must include documentation in a docstring describing its purpose. <pre>def square(number): """Calculates the square of a given number""" return number * number</pre>
Imports	Imports are always put at the top of the file , just after any opening documentation (comments or docstrings). Imports should be on separate lines: <pre>import os import math</pre> It is okay though when importing from the same module: <pre>from math import ceil, floor</pre>