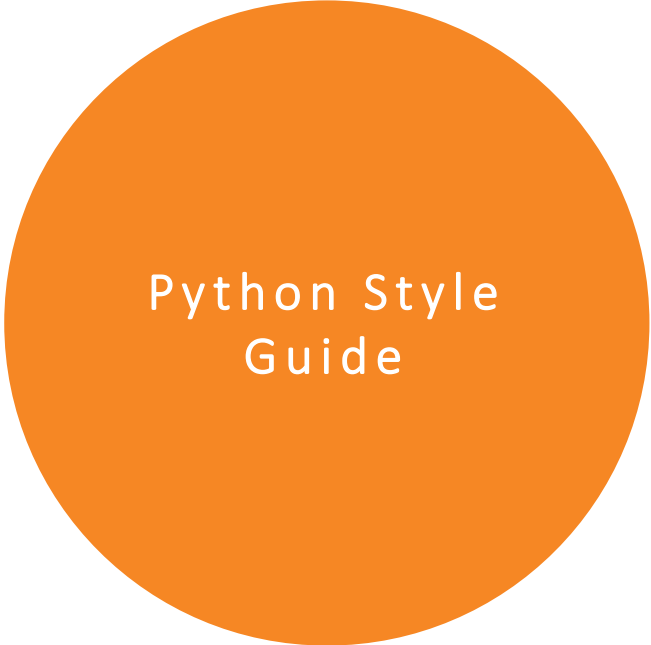


# Software Academy

Coding Fundamentals

A large orange circle is centered on the page, containing the text "Python Style Guide".

# Python Style Guide

# Python Style

The official documentation:

PEP 8 – Style Guide for Python Code

<https://www.python.org/dev/peps/pep-0008/>

PEP 257 – Docstring Conventions

<https://www.python.org/dev/peps/pep-0257/>

# Python Style

How to Write Beautiful Python Code With PEP 8

<https://realpython.com/python-pep8/>

A large orange circle is centered on the slide, containing the text "Clean Code".

Clean Code

“Any fool can write code that a computer can understand. Good programmers write code that humans can understand.”

Martin Fowler

Refactoring: Improving the Design of Existing Code

(Addison-Wesley, 1999)

# Clean Code

The Zen of Python

<https://www.python.org/dev/peps/pep-0020/>

Summary of Clean Code by Robert C Martin

<https://gist.github.com/wojteklu/73c6914cc446146b8b533c0988cf8d29>

# Clean Code

Python Clean Code: 6 Best Practices to Make Your Python Functions More Readable

<https://towardsdatascience.com/python-clean-code-6-best-practices-to-make-your-python-functions-more-readable-7ea4c6171d60>



A large orange circle is centered on the slide, containing the word "Walkthrough" in white text.

Walkthrough

# Exam Marks and Grades

A program is needed to ask a student for their percentage mark and then convert it to a grade.

The grade boundaries are:

90% and over - A\*

80% and over - A

70% and over - B

60% and over - C

50% and over - D

Less than 50% - F

# Exam Marks and Grades

The student is then asked for their target grade.

If their target grade  $>$  exam grade, display a suitable message.

If their target grade  $=$  exam grade, display a suitable message.

If their target grade  $<$  exam grade, display a suitable message.

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