

## #2 STYLE GUIDE

12/05/2025

- Text editor should use space characters, not tabs, for indentation
- Text editor should insert spaces when you hit tab key on the keyboard
- Text editor to use 4 spaces for indentation
- Text editor to use 4 spaces for converting tab characters to spaces
- Limit lines to 79 characters for readability
- Python uses # to mark the beginning of comments
- Do not over do comments.
- snake-case formatting for variable and function names
  - `my_variable = 'Hello, World'` #initialising a variable
  - `def my_function:` #defining a function.
- PascalCase formatting for classes
  - `class DomesticCat:` #defining a class
  - `cat = DomesticCat('Fluffy')`
- ~~SUPERCASE~~ UPPERCASE SNAKE-CASE
- UPPERCASE names with underscores for constants.
  - `INTEREST_RATE = 0.0525`
  - `FOUR = 4` 'four'
- All names: variables and constants as well as functions should use alphabetic and numeric characters only.
  - first character to be alphabetic
  - may use underscores
- Use spaces between operators and operands to minimize code clutter and maximize readability.
  - BAD → `sum=x+5`
  - GOOD → `sum = x + 5`
- Refer to PEP8 (Python documentation) for further guidance.