



COMMON NAMING CONVENTIONS USED IN PROGRAMMING



Naming Convention

- Text files
- Variables
- Functions
- Other entities in your code and documentation

Naming Convention: A sign of good or bad coding style

Names:

- Not clear
- Misleading
- Not corresponding to any common or intra-company standard



~~best practice~~

Focus on the main issues that your code aims to resolve

- Save a lot of time
- Reduce the effort of others to understand your work



abide by **rules**



Naming Convention: CamelCase

UpperCamelCase

- Multiple words that are attached in a sensible order
- The first letter of each of these words is **capital**
- Use to name your classes or column names

lowerCamelCase

- The first letter of only the first word is **lowercase**



Naming Convention: CamelCase

UpperCamelCase

lowerCamelCase

Example:

LoanID

Example:

loanID

Naming Convention:

lowercase_letters_separated_by_underscores



DON'T:

- Class names
- Constants

DO:

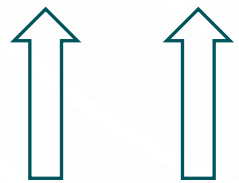
- Functions
- Variables

Naming Convention:

lowercase_letters_separated_by_underscores
= snake_case

Example 'DO':

prices_per_category





Naming Convention: Kebab-case

- Where multiple words are separated by a hyphen
- Useful while sending files over the Internet
=> we will adopt it for naming our text files

Example 'DO':

Lending-company.csv





Rule #1: Don't use whitespaces when naming files or programming entities

Example 'DON'T':

File name 01.csv



Rule #2: Use names that are concise and specific

Example 'DON'T':

numeric_variable

Be specific: What is this numeric variable going to be used for?

Example 'DO':

loan_price



Be careful when naming text files and Python objects!

Once you go through the course code you will have developed the habit of using the different naming conventions at the right time