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| Pencil | AIRE Code Style Guide |

“Code is read more often than it is written.”

Here is the code style guide that improves the readability and consistency of the code. Feel free to add more.

Table: Name / Description / Example

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| Type Hint |
| It gives you the information of the types of arguments and return data. |
| def letter(sheet\_name: str) -> str: |

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| Meaningful variable and method names |
| It gives you the detailed information of variables and methods. |
| s -> sheet\_name |

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| Docstring |
| It is a string used right after the definition of a method, class, or module. It is used to document the code. ‘\_\_doc\_\_’ attribute can be used to retrieve the docstring. |
| def add\_binary(a, b):  '''  Returns the sum of two decimal numbers in binary digits.  Parameters:  a (int): A decimal integer  b (int): Another decimal integer  Returns:  binary\_sum (str): Binary string of the sum of a and b  '''  binary\_sum = bin(a+b)[2:]  return binary\_sum  print(add\_binary.\_\_doc\_\_) # this will print the documentation of add\_binary |