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# Introduction

This walkthrough looks at the documentation of code. Below we differentiate between Comments and Documentation.

## Comments

Clarification comments are written to help anyone who may need to maintain, refactor, or expand the code in the future (including the initial programmer).

## Documentation

The people who are likely to use the source code but are not likely to read through it should read the documentation comments. (Sourour 2017). Comments should have a maximum length of 72 characters. If longer, two lines should be used.

## Docstrings

A module, function, class, or method definition's opening statement is referred to as a docstring. The \_\_doc\_\_ special attribute of that object is created from such a docstring (Goodger 2001). Triple quotation marks (""”) are used to enclose a docstring.

Text

Description automatically generated

Figure - Use of the Help function 1

A screen shot of a computer

Description automatically generated with low confidence

Figure - Use of the Help function 2

# References

Goodger, D. (2001) PEP 257 – Docstring Conventions | Peps.Python.Org [online], available: https://peps.python.org/pep-0257/ [accessed 4 Oct 2022].

Sourour, B. (2017) Putting Comments in Code: The Good, the Bad, and the Ugly. [online], *freeCodeCamp.org*, available: https://www.freecodecamp.org/news/code-comments-the-good-the-bad-and-the-ugly-be9cc65fbf83/ [accessed 4 Oct 2022].