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# Handling Errors Cheat-Sheet

Raise allows you to throw an exception at any time.

- <https://docs.python.org/3/tutorial/errors.html#raising-exceptions>

Assert enables you to verify if a certain condition is met and throw an exception if it isn't.

- [https://docs.python.org/3/reference/simple\\_stmts.html#the-assert-statement](https://docs.python.org/3/reference/simple_stmts.html#the-assert-statement)
- <https://stackoverflow.com/questions/5142418/what-is-the-use-of-assert-in-python>

The standard library documentation is kind of unclear. Basically ``assert <something false>`` will raise `AssertionError`, which the caller may need to handle.

In the try clause, all statements are executed until an exception is encountered.

- <https://docs.python.org/3/tutorial/errors.html#handling-exceptions>

Except is used to catch and handle the exception(s) that are encountered in the try clause.

- <https://docs.python.org/3/library/exceptions.html#builtin-exceptions>

Other interesting Exception handling readings:

- <https://doughellmann.com/posts/python-exception-handling-techniques/>

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