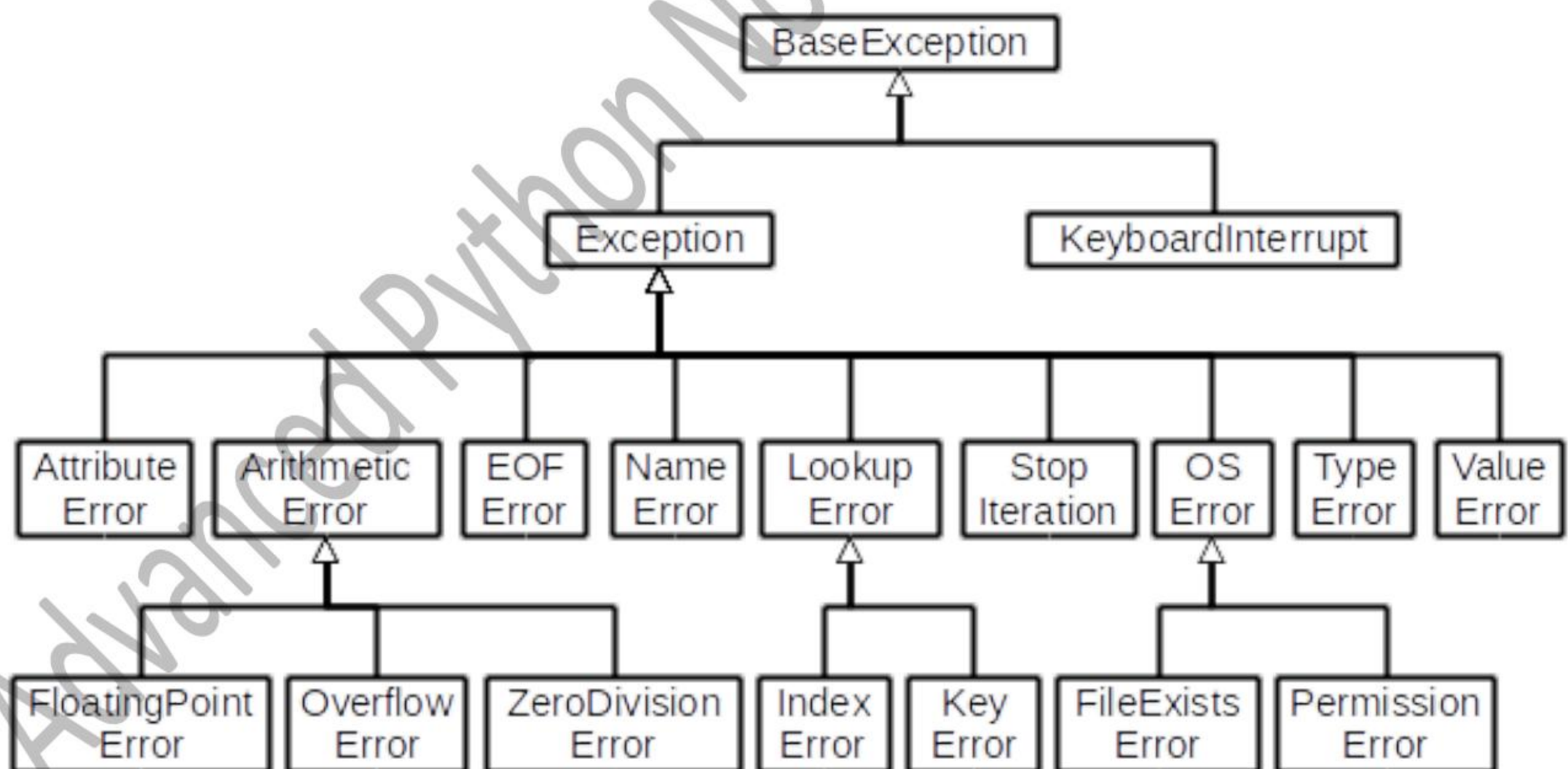## Module 9: Exception Handling

Exception:
❑ Exception is abnormal condition that arises in the code at runtime i.e. exception is a runtime error.

Exception Handling:
❑ We need to handle exception to prevent the program from abnormal termination and continue with the remaining code.

Exception Hierarchy:
❑ BaseException is the base class of all exceptions in Python.
❑ SystemExit is raised whenever sys.exit function is called.
❑ KeyboardInterrupt is raised when user presses Ctrl + C.

Clause and their usage:

try clause:
- ❑ It is to wrap any code that might throw an exception.

catch clause:
- ❑ It is to handle the exception.

else clause:
- ❑ It is to put any code that will execute if no exceptions were raised.

finally clause:
- ❑ It is to put any code that must execute whether try clause raised an exception or not. Used for file close, server disconnects, etc.