**Python Standard Exceptions**

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| **EXCEPTION NAME** | **DESCRIPTION** |
| Exception | Base class for all exceptions |
| StopIteration | Raised when the next() method of an iterator does not point to any object. |
| SystemExit | Raised by the sys.exit() function. |
| StandardError | Base class for all built-in exceptions except StopIteration and SystemExit. |
| ArithmeticError | Base class for all errors that occur for numeric calculation. |
| OverflowError | Raised when a calculation exceeds maximum limit for a numeric type. |
| FloatingPointError | Raised when a floating point calculation fails. |
| ZeroDivisonError | Raised when division or modulo by zero takes place for all numeric types. |
| AssertionError | Raised in case of failure of the Assert statement. |
| AttributeError | Raised in case of failure of attribute reference or assignment. |
| EOFError | Raised when there is no input from either the raw\_input() or input() function and the end of file is reached. |
| ImportError | Raised when an import statement fails. |
| KeyboardInterrupt | Raised when the user interrupts program execution, usually by pressing Ctrl+c. |
| LookupError | Base class for all lookup errors. |
| IndexError | Raised when an index is not found in a sequence. |
| KeyError | Raised when the specified key is not found in the dictionary. |
| NameError | Raised when an identifier is not found in the local or global namespace. |
| UnboundLocalError | Raised when trying to access a local variable in a function or method but no value has been assigned to it. |
| EnvironmentError | Base class for all exceptions that occur outside the Python environment. |
| IOError | Raised when an input/ output operation fails, such as the print statement or the open() function when trying  to open a file that does not exist. |
| OSError | Raised for operating system-related errors. |
| SyntaxError | Raised when there is an error in Python syntax. |
| IndentationError | Raised when indentation is not specified properly. |
| SystemError | Raised when the interpreter finds an internal problem, but when this error is encountered the Python interpreter  does not exit. |
| SystemExit | Raised when Python interpreter is quit by using the sys.exit() function. If not handled in the code, causes the  interpreter to exit. |
| TypeError | Raised when an operation or function is attempted that is invalid for the specified data type. |
| ValueError | Raised when the built-in function for a data type has the valid type of arguments, but the arguments have  invalid values specified. |
| RuntimeError | Raised when a generated error does not fall into any category. |
| NotImplementedError | Raised when an abstract method that needs to be implemented in an inherited class is not actually implemented. |