**Exceptions - Standard Exceptions**

A list of Standard Exceptions available in Python:

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| **Sr. No.** | **Exception Name** | **Description** |
| 1 | **Exception** | Base class for all exceptions |
| 2 | **StopIteration** | Raised when the next() method of an iterator does not point to any object. |
| 3 | **SystemExit** | Raised by the sys.exit() function. |
| 4 | **StandardError** | Base class for all built-in exceptions except StopIteration and SystemExit. |
| 5 | **ArithmeticError** | Base class for all errors that occur for numeric calculation. |
| 6 | **OverflowError** | Raised when a calculation exceeds maximum limit for a numeric type. |
| 7 | **FloatingPointError** | Raised when a floating point calculation fails. |
| 8 | **ZeroDivisonError** | Raised when division or modulo by zero takes place for all numeric types. |
| 9 | **AssertionError** | Raised in case of failure of the Assert statement. |
| 10 | **AttributeError** | Raised in case of failure of attribute reference or assignment. |
| 11 | **EOFError** | Raised when there is no input from either the raw\_input() or input() function and the end of file is reached. |
| 12 | **ImportError** | Raised when an import statement fails. |
| 13 | **KeyboardInterrupt** | Raised when the user interrupts program execution, usually by pressing Ctrl+c. |
| 14 | **LookupError** | Base class for all lookup errors. |
| 15 | **IndexError** | Raised when an index is not found in a sequence. |
| 16 | **KeyError** | Raised when the specified key is not found in the dictionary. |
| 17 | **NameError** | Raised when an identifier is not found in the local or global namespace. |
| 18 | **UnboundLocalError** | Raised when trying to access a local variable in a function or method but no value has been assigned to it. |
| 19 | **EnvironmentError** | Base class for all exceptions that occur outside the Python environment. |
| 20 | **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. |
| 21 | **OSError** | Raised for operating system-related errors. |
| 22 | **SyntaxError** | Raised when there is an error in Python syntax. |
| 23 | **IndentationError** | Raised when indentation is not specified properly. |
| 24 | **SystemError** | Raised when the interpreter finds an internal problem, but when this error is encountered the Python interpreter does not exit. |
| 25 | **SystemExit** | Raised when Python interpreter is quit by using the sys.exit() function. If not handled in the code, causes the interpreter to exit. |
| 26 | **TypeError** | Raised when an operation or function is attempted that is invalid for the specified data type. |
| 27 | **ValueError** | Raised when the built-in function for a data type has the valid type of arguments, but the arguments have invalid values specified. |
| 28 | **RuntimeError** | Raised when a generated error does not fall into any category. |
| 29 | **NotImplementedError** | Raised when an abstract method that needs to be implemented in an inherited class is not actually implemented. |

# END