Built-in Exceptions

The table below shows built-in exceptions that are usually raised in Python:

Exception	Description
ArithmeticError	Raised when an error occurs in numeric calculations
AssertionError	Raised when an assert statement fails
AttributeError	Raised when attribute reference or assignment fails
Exception	Base class for all exceptions
EOFError	Raised when the input() method hits an "end of file" condition (EOF)
FloatingPointError	Raised when a floating point calculation fails
GeneratorExit	Raised when a generator is closed (with the close() method)
ImportError	Raised when an imported module does not exist
IndentationError	Raised when indentation is not correct
IndexError	Raised when an index of a sequence does not exist
KeyError	Raised when a key does not exist in a dictionary
KeyboardInterrupt	Raised when the user presses Ctrl+c, Ctrl+z or Delete
LookupError	Raised when errors raised cant be found
MemoryError	Raised when a program runs out of memory
NameError	Raised when a variable does not exist
NotImplementedError	Raised when an abstract method requires an inherited class to override the method
OSError	Raised when a system related operation causes an error
OverflowError	Raised when the result of a numeric calculation is too large
ReferenceError	Raised when a weak reference object does not exist
RuntimeError	Raised when an error occurs that do not belong to any specific exceptions
StopIteration	Raised when the next() method of an iterator has no further values

SyntaxError   Raised when a syntax error occurs

TabError   Raised when indentation consists of tabs or spaces

SystemError   Raised when a system error occurs

SystemExit   Raised when the sys.exit() function is called

TypeError   Raised when two different types are combined

UnboundLocalError Raised when a local variable is referenced before assignment

UnicodeError Raised when a unicode problem occurs

UnicodeEncodeError Raised when a unicode encoding problem occurs

UnicodeDecodeError Raised when a unicode decoding problem occurs

UnicodeTranslate

Error   Raised when a unicode translation problem occurs

ValueError   Raised when there is a wrong value in a specified data type

ZeroDivisionError Raised when the second operator in a division is zero