Python Standard Exceptions

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Here is a list all the standard Exceptions available in Python -

Sr.No. Exception Name & Description

1

Python

Exception

Base class for all exceptions

2

Python

StopIteration

Raised when the next() method of an iterator does not point to any object.

3

SystemExit

Python

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

ZeroDivisionError

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.

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