Introduction to

Programming with Python

Object-Oriented Programming

tuple

classes

docs.python.org/3/tutorial/classes.html

class

objects

attributes

instance variables

methods

instance methods

init

raise

__str__

properties

@property

decorators

int

docs.python.org/3/library/functions.html#int

class int(x, base=10)





str

docs.python.org/3/library/stdtypes.html#str

class str(object='')

str.lower()

str.strip([chars])

list

docs.python.org/3/library/stdtypes.html#list

docs.python.org/3/tutorial/datastructures.html

class list([iterable])

7

list.append(x)

dict

docs.python.org/3/library/stdtypes.html#dict

class methods

@classmethod

static methods

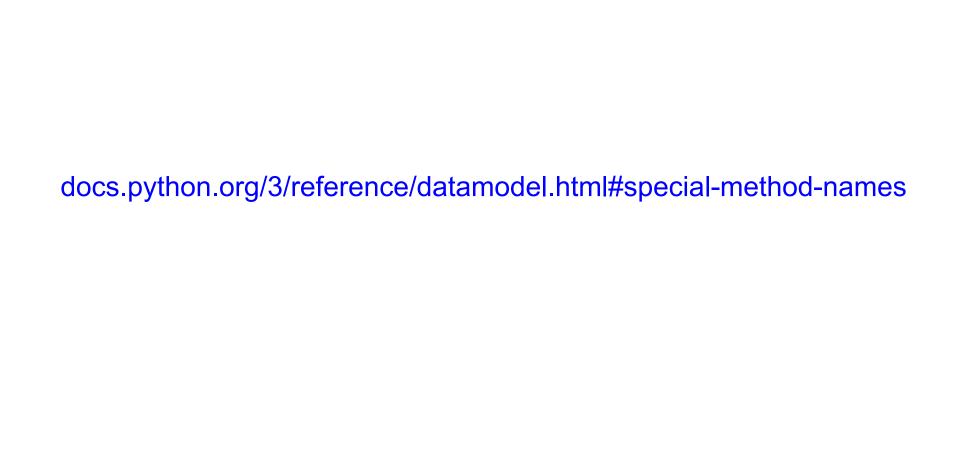
@staticmethod

inheritance

docs.python.org/3/library/exceptions.html

```
BaseException
+-- KeyboardInterrupt
+-- Exception
      +-- ArithmeticError
           +-- ZeroDivisionError
      +-- AssertionError
      +-- AttributeError
      +-- EOFError
      +-- ImportError
           +-- ModuleNotFoundError
      +-- LookupError
         +-- KeyError
      +-- NameError
      +-- SyntaxError
           +-- IndentationError
      +-- ValueError
```

operator overloading



object.__add__(self, other)

Introduction to

Programming with Python

Object-Oriented Programming