Variable Types

`10`	Int
`10.0`	Float
`1 + 2j`	Complex
`'a'` or `"a"`	String
`(1, 2, 3)`	Tuple
`['a', 'b', 'c']`	List
`{'azul': 'blue', 'rosa': 'pink'}`	Dictionary
`{1, 4, 5}`	Set
`True`/`False`	Boolean
`None`	NoneType
`print()`	Fuction

Math - Operations

`a = 2`	Assign 2 to *a*
`b = 3`	Assign 3 to *b*
`a + b`	*a* plus *b* (5)
`a - b`	*a* minus *b* (-1)
`a * b`	*a* times *b* (6)
`a / b`	*a* divided by *b* (0.6666666)
`a // b`	Floor division of *a* by *b* (0)
`a % b`	Remainder of *a* divided by *b* (2)
`a ** b`	*a* to the power of *b* (8)

Math - Functions

`import math`	Imports the math module
`math.ceil(x)`	Rounds *x* up
`math.floor(x)`	Rounds *x* down
`round(x)`[1]	Rounds *x* up or down
`math.sqrt(x)`	Square root of the *x*
`math.sin(angle)`	Sine of *angle*
`math.cos(angle)`	Cosine of *angle*
`math.tan(angle)`	Tangent of *angle*
`math.asin(angle)`	Arcsine of *angle*
`math.acos(angle)`	Arccosine of *angle*
`math.atan(angle)`	Arctangent of *angle*

Math - Functions (cont)

`math.sinh(angle)`	Hiperbolic sine of *angle*
`math.cosh(angle)`	Hiperbolic cosine of *angle*
`math.degrees(angle)`	Convert *angle* from radians to degrees
`math.radians(angle)`	Convert *angle* from degrees to radians
`math.exp(x)`	*e* to the power of *x*
`math.log(x)`	Natural logarithm of *x*
`math.log(x, 2)`	Base 2 logarithm of *x*
`math.factorial(x)`	Factorial of *x*
`math.gamma(x)`	Gamma function of *x*
`math.e`	*e* constant
`math.pi`	*pi* constant

[1] `round` is not part of the `math` module

Basic Functions

`print("string")`	Prints string to the screen
`input("string")`	Prints a string and waits takes keyboard input
`len(my_tuple)`	Returns the number of elements of a sequence
`type(variable)`	Returns the type of the variable

By **raulfreitas**
cheatography.com/raulfreitas/

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