

strings - assigning a value to a variable

Python Cheat Sheet by Ihedes via cheatography.com/24727/cs/6205/

Interacting with the user	
print a message	print("Hello, World!")
asking the user for a string	print("What is your name? ")
Definitions:	

Options in Python

X = 3 If X == 3: print("x is 3") Number = 80

If Number >= 50:
print("Close")

Elif Number < 50: print("Far") Else:

print ("too far")

Text	
single quoted	'example'
double quoted	"example"
multi-line	''' Hello,
concatenating strings (adding strings together)	'Hello' + 'World'
converting strings to integers	int('467')
Definitions:	

integers – positive or whole numbers with no decimal point

Variables	
creating a variable	name = "Lisa"
using a variable	print("My name is ") + name
Definitions:	

variable – can be used to store data like integers, decimals, and characters.

Maths in Python	
addition and subtraction	2 + 2 - 3
multiplication and division	10*5/5
Powers (e.g. <i>x</i> to the power of <i>y</i>)	3**5
Converting integers to strings	str(511)



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