Cheatography

Python Cheat Sheet

by lhedes 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:

strings – assigning a value to a variable

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. *x* to the power of *y*)	3**5
Converting integers to strings	str(511)

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