Aom python3 Cheat Sheet

by omsap kong via cheatography.com/26019/cs/7120/

Vocabulary

Variable	Hold the value
String	A list of character such as, number, symbol, letters
Integer	Whole number the number that can count
Float	The decimal number.ex 1.00 1.01 2.89
Boolean	True / False
Modulo	Find the Remainder. Ex 5%4 =1 6%4 = 2

Example 2

```
name = input("Please enter your name : ")
age = input("Please enter your age : ")
height = float(input("Please enter your height(Cm) : "))
height /= 100
weight = float(input("Please enter your weight(Kg) : "))
gender = input("Please enter your gender : ")
BMI = (weight / height) / height
print (BMI)
message = ("Dear, %s your BMI is %s " % (name, BMI))
print (message)
from datetime import datetime
date = datetime.now()
date = "%s / %s" % (date.month, date.year)
print (date)
concatenate = "Dear %s, your BMI is %s as of %s." % (name, BMI, date)
print (concatenate)
x = -(-(-2)) == -2 #true
x = 3 ** 3 >= 26 #true
x = 10 % 9 != 1 #false
x = 33 <= 10 * 3 + 2 #false
x = 3
y = x + 3
print (y)
name = "Task"
```

Example 2 (cont)

```
age = 15
print ("Hello %s, I hear your age is %s " % (name, age))
# omsap aom 1008 (Owner)
```

Function

Print()	Display the information on the screen
Input()	Ask the user for the information
int()	Convert the value into integer
float()	Change the number into decimal point
str()	To make the number variable or somethings to be the symbol
len()	The length of the string
#	To and the comment, just add not effect the command
"""- ___- ___"""	Multiple line comment

Symbol

==	Equal to
!=	Not equal to
<	Less than
>	More than
<=	Less than or equal to
>=	More than or equal to
+	Add
-	Subtract
*	Multiply
/	Divide
**	To the power(exponent)
%	Modulo
.upper()	Upper letter
.lower()	Lower letter
.capitalize()	Capital
.title()	First letter capital

Example 1

```
# Omsap kongamornpinyo
"""1008 I am very kind"""
x = 3
y = x + 1
print (y**x)
print ((str(x) + str(y)))
name = input ("Name : ")
surname = input("Surname : ")
fullname = name + surname
print (("Welcome to Computer Science : "), (name), (surname[0].upper()))
letter = input ("Enter letter number : ")
myletter = int(letter)
print (fullname[myletter])
lettercount = input ("How many times shɯuld I print this letter?: ")
mylettercount = int(lettercount)
print ((fullname[myletter])* (mylettercount))
```


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