

Variable		
Number	integers / floats	1 / 1.254
Character	strings / text	A / "I am a student"
Boolean	True / False	

addition / multiplication / exponents	
string + string	combine together
string + number	fail
string * string	fail
string ** number	fail
string * number	stringstring...(amount of number)

Operation	
x in s	True if x is contained in s
x not in s	True if x is not contained in s
s.index(item)	position in s of item
s[i]	ith item in s (0-based)
len(s)	length of s

Commenting	
Single Line Commenting	# ...
Multi Line Commenting	""" ... """

Function	
str()	converts value to string
int()	converts value to integer
float()	converts to decimal point
len()	the length of the string
input()	receive information from user
print (name.upper())	DEREK HALE
print (name.lower())	derek hale
print (name.capitalize())	Derek hale
print (name.title())	Derek Hale

Math Symbol	
==	equal
!=	not equal to
<=	less than / equal to
>=	more than / equal to
%	modulo (find the remainder)
/	divide (decimal)
//	divide (interger)
*	multiply
**	to the power of

Vocabulary	
variable	value and can be changed
string	a list of characters (number/letter)
float number	number with decimal point
integer	counting number
number	
modulo	finding the remainder
syntax	grammar/structure of language
length	the length of the string
list	[value, ...]



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Page 1 of 1.

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