

### What will happen?

<code>string*integer</code>	repeat the string....times
<code>string*string</code>	CRASH
<code>integer*integer</code>	Do the math
<code>string+string</code>	connect the strings together
<code>string+integer</code>	CRASH
<code>string**integer</code>	CRASH
<code>string**string</code>	CRASH
<code>a+b*c*d/(e+f)</code>	parenthesis-->division-->multiplication-->subtraction-->addition

### Functions/commands

<code>print()</code>	print/show info on the screen
<code>int()</code>	convert string to integers
<code>str()</code>	convert numbers to string
<code>float()</code>	convert integers to decimal
<code>input()</code>	to gain info from the user
<code>len()</code>	the length of the string
<code>import</code>	to import an external program
<code>random.choice()</code>	to choose randomly from a list
<code>def</code>	define a function
<code>return</code>	exit a function
<code>return value</code>	value that function give back
<code>func(a&lt;--)</code>	argument/parameter
<code>import</code>	to import a existing function
<code>break</code>	to exit a loop

### Definitions

<b>String</b>	list of letters/symbol/numbers
<b>Variable</b>	value that can be changed
<b>Integer</b>	Whole number
<b>Floating Point</b>	Decimal
<b>Syntax</b>	Grammar/structure
<b>Boolean</b>	True/False

### Rules for creating a variable name

Start with letter (either uppercase or lower case)

Start with \_

Contain only letters,numbers, or \_

### T/F rule

<b>True or False</b>	True
<b>True and False</b>	False

### Calculation symbols

<code>==</code>	Equals to (compare/result=boolean)
<code>&lt;</code>	less than
<code>&gt;</code>	more than
<code>!=</code>	not equal to
<code>+</code>	addition
<code>*</code>	times/multiplication
<code>/</code>	division(floating)
<code>//</code>	division(integer)
<code>&lt;=</code>	less than or equal to
<code>&gt;=</code>	more than or equal to
<code>**</code>	exponents (to the power of...)
<code>%__</code>	Modulo (Find the remainder from dividing with __)
<code>=</code>	equals to (give command/value)



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