

vocabulary

<code>int(raw_input())</code>	allows user to input a number instead of a string
<code>\N(name)</code>	Character named name in the Unicode database(Unicode only)
variable	holds a value and can be changed
string	a list of characters such as numbers, letters, symbols
float	the type used to represent number
Octothorpe (#)	Using this on the beginning of a line with comment out the rest of the line

Multiplication and Exponents

<code>string * number</code>	combine that string multiple times
<code>string * string</code>	crash
<code>number * number</code>	math - multiply
<code>string ** string</code>	crash
<code>number ** number</code>	math - exponents
<code>string ** number</code>	crash

Python Comparison Operators

<code><></code>	If values of two operands are not equal, then condition becomes true.
<code>></code>	If the value of left operand is greater than the value of right operand, then condition becomes true.
<code>==</code>	If the values of two operands are equal, then the condition becomes true.
<code><</code>	If the value of left operand is less than the value of right operand, then condition becomes true.

function

<code>int()</code>	converts a value to an integer
<code>print()</code>	displays info to the user
<code>input()</code>	receives info from the user

code

```
print (name.upper())  
print (name.capitalize())  
print (name.lower())  
print (name.title())
```

addition

<code>string + string</code>	combine together
<code>string+number</code>	crash
<code>number+number</code>	math - addition

example

```
def createList(quit word) :  
    print ('keep entering words to add to the list')  
    print ('Quit When word=' , quitword)  
    mylist=[]  
    while true:  
        user_word = input('Enter a word to add to the list:')  
        is user_word == quit word:  
            return mylist  
    duplicateword = false  
    if duplicate word == True:  
        print ('Duplicate Word')
```



By **linqling**
cheatography.com/linqling/

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