vocaburary

int(raw_input())	allows user to input a number instead of a string
\N(name)	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

string * number	combine that string multiple times
string * string	crash
number * number	math - multiply
string ** string	crash
number ** number	math - exponents
string ** number	crash

Python Comparison Operators

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

function

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

code

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

addition

string + string	combine together
sting+number	crash
number+number	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')
```

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