

My Python

int()	convert the value into an integers
print()	print the value
input()	receive the information from the user
float()	convert the value into decimals
len()	returns the number of elements
str()	change the value into string
==	equal to
!=	not equal to
+	plus
-	minus
*	multiply
/	divide
**	power
<	less than
>	more than
<=	less than or equal
>=	more than or equal
%	count the remainder
" "	space

First name Last name

```

firstname = input("What is your first name?")
lastname = input("What is your last name?")
fullname = (firstname + " " + lastname)
print (fullname)
letternum = int(input("What is the letter number?"))
if len(fullname) >= int(letternum):
    print(fullname[letternum])
    letterprint = int(input("How many times to print the letter "))
    if int(letterprint) <= 100:
        print(fullname[letternum] * letterprint)
    else:
        print("Too many letter, try again")
else:

```

First name Last name (cont)

```
> print("invalid number,try again")
```

Insert word

```

def createList(quitword):
    print('Keep entering words to add to the list')
    print('Quit when word = ', quitword)
    mylist = []
    while True:
        use_r_word = input('Enter a word to add to the list:')
        if user_word == quitword:
            return mylist
    duplic ateword = False
    for item in mylist:
        if item == user_word:
            duplic ateword = True
        if( duplic ateword == True):
            print('Duplicate Word!')
        else:
            mylist.append(user_word)
    userlist = createList("stop")
    print(userlist)

```

My Python Vocab

string	a list of characters such as numbers, letters, symbols
syntax	is the set of rules
variable	holds a value and can be changed
boolean	information that contain information true or false
string * string	crash
string * number	combine that string multiple times
number * number	math - multiply
string ** string	crash



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My Python Vocab (cont)

string ** number	crash
number ** number	math - exponents

Guessing game

```
import random
mylist = ['sodium', 'cooper', 'platinum', 'gold', 'silver']
chance = 3
score = 0
print ("Guessing Game")
while chance > 0:
    print (mylist)
    random_item = random.choice(mylist)
    user_guess = input("Please guess a word in the list:")
    if user_guess in mylist:
        if (user_guess) == (random_item):
            print ("That's correct")
            score = int(score) + 100
            print ("Score:", score)
            print ("Chance:", chance)
        else:
            print ("sorry, wrong choice")
            chance = int(chance) - 1
            print ("score:", score)
            print ("chance:", chance)
            print (random_item)
    else:
        print ("sorry, that is not even in the list!")
        print ("try again!")
        print ("score:", score)
        chance = int(chance) - 1
        print ("chance:", chance)
        print ("your total score is:", score)
```



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