

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
    duplicatword = False
    for item in mylist:
        if item == user_word:
            duplicatword = True
        if (duplicatword == 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 *	math - multiply
number	
string ** string	crash



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My Python Vocab (cont)

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

Guessing game

```
import random
mylist = ['sodium', 'copper', '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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