

My Python

`int()` convert the value into an intergers

`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:
    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:
        user_word = input('Enter aword to add to the
list:')
        if user_word == quitword:
            return mylist
    duplicateword = False
    for item in mylist:
        if item == user_word:
            duplicateword =True
    if(duplicateword == 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
string ** number	crash
number ** number	math - exponents



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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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