

Vocab

input()	receive information from user
print()	show info that received from user
int()	change info to integer
float()	convert value into decimal number

Symbols 2

>	more than
<	less than
>=	equal or more than
<=	equal or less than

Letter Number (Code)

```

firstname = input("What is your
firstname? ")
lastname = input("What is your
lastname? ")
fullname = firstname + " " +
lastname
print (fullname)
letternum = int(input("What is
the letter number? "))
if len(fullname) >= int(letternum):
    print (fullname[letternum-1])
    letterprint = int(input("How many times to print
the letter? "))
    if int(letterprint) <=
100:
        print (fullname[letternum-1] * int(letterprint))
    else:
        print ("Too many
letters to print! ")
else:
    print ("In valid letter
number, try again")

```

Symbols

==	equal to
!=	not equal to
+	add number
-	minus number
*	multiply number
%	find remainder between two number
/	divide number
**	power the number

Vocab 3

Variable	info from user that can change
Syntax	the computer's grammar

Reverse Word (Code)

```

word = input("Enter a word: ")
index = 0
reverse = ''
while index < len(word):
    reverse = word[index] +
reverse
    index = index+1
print("Reverse: ", reverse)

```

Finding Radius (Code)

```

user_radius = input("What is
your radius? ")
radius = float(user_radius)
pi = 3.1415
area = (pi * (radius * 2))
print("The area of the circle
is", area)

```

Vocab2

string	information user added
len()	number of string
boolean	true/false

Guessing Word Game (Code)

```

import random
mylist = ['barbie', 'kitty', 'my
melody', 'sailor moon', 'pretty
cure']
random_item = random.choice(mylist)
print(random_item)
print(mylist[0])
print(mylist)
chance = 5
score = 0
while chance > 0:
    user_guess = input("Guess a word ")
    if user_guess == random_item:
        score =
score+100
        print("That's
correct")
        print("score:
", score)
        random_item =
random.choice(mylist)
        elif user_guess in
mylist:
            chance = chance-
1
            print("Sorry,
wrong choice!")
            print("chance
remaining ", chance)
        else:
            chance = chance-
1
            print("Sorry,
that's not even on the list")
            (chance == 0, print("game
over"))

```



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Page 1 of 1.

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