**Lab Test 02**

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**Question 01:**

colors = ('blue','red','black','yellow')

for i in range(len(colors)):

print(i, colors[i])

print('This was an example of lop in python')

**Print out:**

0 blue

1 red

2 black

3 yellow

This was an example of lop in python

**Question 02:**

mydict = {'Vitamin E':200, 'Vitamin D':400, 'Vitamin C':100,

'Vitamin B2':350 , 'Milk Thistle' :150}

search = input('enter the vitamin you search for')

print(mydict.items())

**Module 01:**

for vit,mlg in mydict.items():

if vit == search:

print (mlg)

break

else:

print('key is not found')

**Module 02:**

for vit,mlg in mydict.items():

if vit == search:

print (vit)

continue

print('key is not found')

For Module 01:

If the name of the vitamin is found it prints the mlg and 'breaks' out of the four loop, ending the code.

Example for the input ‘Vitamin D’:

400

If not, it reaches the else statement and prints one time the phrase 'key is not found'

Example for the input ‘Vitamin K’:

key is not found

For Module 02:

If the name of the vitamin is found it prints the name of the Vitamin and 04 times the phrase 'key is not found' in the order as they appear in the tuple

Example for the input ‘Vitamin D’:

key is not found

Vitamin D

key is not found

key is not found

key is not found

If it is not found, it will print 05 times the phrase 'key is not found'

Example for the input ‘Vitamin K’:

key is not found

key is not found

key is not found

key is not found

key is not found