Python programming basic assignment 25:

Q1) def equal(a,b,c):

count = 0

if a == b and b != c:

count = 2

if a == b and b == c:

count = 3

if a == c and b != c:

count = 2

if b == c and a != b:

count = 2

return count

print(equal(3,4,3))

print(equal(1,1,1))

print(equal(3,4,1))

Q2) def dict\_to\_list(dict1):

list = [(k, v) for k, v in dict1.items()]

list.sort()

return list

print(dict\_to\_list({"D":1,"B":2,"C":3}))

print(dict\_to\_list({“likes":2,"dislikes":3,"followers":10}))

Q3) def mapping(list1):

dict1 = {}

for i in list1:

dict1[i] = i.swapcase()

return dict1

print(mapping(["p","s"]))

print(mapping(["a","b","c"]))

print(mapping([“a","v","y","z"]))

Q4) def vow\_replace(s,v):

listv = ["a","e","i","o","u"]

list1 = list(s)

for i in range(len(list1)):

if list1[i] in listv:

list1[i] = v

string = ""

for j in list1:

string = string + j

return string

print(vow\_replace("apples and bananas","u"))

print(vow\_replace("cheese casserole","o"))

print(vow\_replace("stuffed jalapeno poppers”,"e"))

Q5) def ascii\_cap(s):

lists = list(s)

for i in range(len(lists)):

j = lists[i]

if ord(j)%2 == 0:

lists[i] = j.upper()

if ord(j)%2 != 0:

lists[i] = j.lower()

string = ""

for j in lists:

string = string + j

return string

print(ascii\_cap("to be or not to be!"))

print(ascii\_cap("THE LITTLE MERMAID"))

print(ascii\_cap("Oh what a beautiful morning."))