**Assignment 03**

**Dan Otieno**

**ENG 101-02**

**Due Date 11/04/2019.**

**QUESTION 2: RANDOM CIPHER.**

**CODE:**

#Create lists:

aatozz = 'abcdefghijklmnopqrstuvwxyz'

Alphabet = list(aatozz)

Cilphabet = 'yptalqrwcfdsvzxkgnimhjeoub'

CiphAlphabet = list(Cilphabet)

#Let's create the dictionaries and loop here:

CipherDict = {}

DeCipherDict = {}

for k in range(0,len(Alphabet)):

CipherDict[Alphabet[k]] = CiphAlphabet[k]

DeCipherDict[CiphAlphabet[k]] = Alphabet[k]

print(CipherDict)

Ytext = 'mwcicivuyelixvltckwlntxal'

DCtext = ''

for x in Ytext:

DCtext += DeCipherDict[x]

print(DCtext)

Ztext = 'vximklxkslsxjlkcbby'

DCtext2 = ''

for x in Ztext:

DCtext2 += DeCipherDict[x]

print(DCtext2)

**OUTPUT:**

Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:37:50) [MSC v.1916 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

>>>

=== RESTART: C:\Users\d\_oti\Desktop\PYTHON ASSIGNMENTS\Assignment 3\_Qstn2.py ===

{'a': 'y', 'b': 'p', 'c': 't', 'd': 'a', 'e': 'l', 'f': 'q', 'g': 'r', 'h': 'w', 'i': 'c', 'j': 'f', 'k': 'd', 'l': 's', 'm': 'v', 'n': 'z', 'o': 'x', 'p': 'k', 'q': 'g', 'r': 'n', 's': 'i', 't': 'm', 'u': 'h', 'v': 'j', 'w': 'e', 'x': 'o', 'y': 'u', 'z': 'b'}

thisismyawesomeciphercode

mostpeoplelovepizza

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