**Practical 3**

**Write a program to perform encryption and decryption using Monoalphabetic Cipher Technique.**

* **CODE :-**

dicts = {"a":"z","b":"y","c":"x","d":"w","e":"v","f":"u","g":"t","h":"s","i":"r","j":"q","k":"p","l":"o","m":"n","n":"m","o":"l","p":"k","q":"j","r":"i","s":"h","t":"g","u":"f","v":"e","w":"d","x":"c","y":"b","z":"a",}

dictc = {"A":"Z","B":"Y","C":"X","D":"W","E":"V","F":"U","G":"T","H":"S","I":"R","J":"Q","K":"P","L":"O","M":"N","N":"M","O":"L","P":"K","Q":"J","R":"I","S":"H","T":"G","U":"F","V":"E","W":"D","X":"C","Y":"B","Z":"A",}

a=input("enter message ")

l1=list(a)

l2=[]

def get\_key(val):

if(val.isupper()):

for key, value in dictc.items():

if val == value:

return key

else:

for key, value in dicts.items():

if val == value:

return key

print(" \nencrypted text is")

for i in l1:

if(i.isupper()):

print(dictc[i],end="")

z=dictc[i]

l2.append(z)

elif(ord(i)==32):

l2.append(" ")

print(i,end="")

else:

print(dicts[i],end="")

z=dicts[i]

l2.append(z)

print("\nDecrypted text is ")

for i in l2:

no=ord(i)

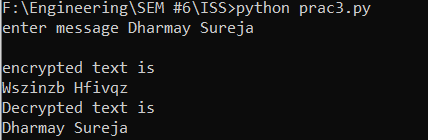
if(no==32):

print(" ",end="")

else:

print(get\_key(i),end="")

* **OUTPUT :-**

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