**Practical 3**

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

* **CODE :-**

dicts = {'a':'M','b':'N','c':'O','d':'P','e':'Q','f':'R','g':'S','h':'T','i':'U','j':'V','k':'W','l':'X','m':'Y','n':'Z','o':'A','p':'B','q':'C','r':'D','s':'E','t':'F','u':'G','v':'H','w':'I','x':'J','y':'K','z':'L'}

dictc = {'A':'m','B':'n','C':'o','D':'p','E':'q','F':'r','G':'s','H':'t','I':'u','J':'v','K':'w','L':'x','M':'y','N':'z','O':'a','P':'b','Q':'c','R':'d','S':'e','T':'f','U':'g','V':'h','W':'i','X':'j','Y':'k','Z':'l'}

a=input("enter message ")

l1=list(a)

l2=[]

print(" \nencrypted text is")

def get\_key(val):

if(val.isupper()):

for key, value in dicts.items():

if val == value:

return key

else:

for key, value in dictc.items():

if val == value:

return key

for i in l1:

if(i.isupper()):

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

z=dictc[i]

l2.append(z)

else:

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

z=dicts[i]

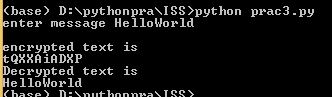
l2.append(z)

print("\nDecrypted text is ")

for i in l2:

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

* **OUTPUT :-**

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