**# CRYPTOGRAPHY**

!pip install cryptography

from cryptography.fernet import Fernet

def generatePassKey():

key=Fernet.generate\_key()

print(key)

type(key)

abc=open("PasswordKey.key",'wb')

abc.write(key)

abc.close()

generatePassKey()

def getMyKey():

abc=open("PasswordKey.key",'rb')

return abc.read()

getMyKey()

def getContentFromUser():

return input("enter the content")

getContentFromUser()

def encryptMessage(message\_normal):

Key = getMyKey()

k = Fernet(Key)

encrypted\_Message=k.encrypt(message\_normal)

return encrypted\_Message

encryptMessage(b"om")

def decryptMessage(message\_secret):

Key = getMyKey()

k = Fernet(Key)

decrypted\_Message=k.decrypt(message\_secret)

return decrypted\_Message

decryptMessage(b'gAAAAABf2yqPZxgmmFhVhZ0ZBvY5mSYR-iAgKfTWb0e0bB5Js\_Y2bAACOzddM99344gCiJVuQqcyqIU5vV4sogn-o90cQBsOGA==')