**Practical 2**

Write a program to find plain text messages and key information corresponds to following cipher text messages using brute-force technique on Caesar cipher.

1.      PmttwEmtkwumBwCDXKM

2.      Qefpfpzxbpbozfmeboxidlofqej

3.      TrvjviTzgyvizjNvrbRcxfizkyd

4.      LbhNerFzneggbNggnpxPnrfrePvcure

* **CODE :-**

def en(s1):

#s1=input("Enter the cipher text: ")

l1=list(s1)

str1=[]

key=1

while key<27:

y=" "

for k in l1:

x=0

if k.isupper():

x=65

else:

x=97

y+=chr(((ord(k)-key-x)%26+x))

str1.append(y)

key+=1

print("Decrypted from ",s1)

print()

i=0

while i<26:

print(str1[i])

i+=1

s1="PmttwEmtkwumBwCDXKM"

en(s1)

print()

s1="Qefpfpzxbpbozfmeboxidlofqej"

en(s1)

print()

s1="TrvjviTzgyvizjNvrbRcxfizkyd"

en(s1)

print()

s1="LbhNerFzneggbNggnpxPnrfrePvcure"

en(s1)

* **OUTPUT :-**

"""1. key 8

HelloWelcomeToUVPCE

2. key 23

Thisiscaesercipheralgorithm

3. key 17

CaeserCipherisWeakAlgorithm

4. key 13

YouAreSmarttoAttackCaeserCipher

"""







