

Driver code

if __name__ == "__main__":

print("O/P of 4 digits:", generate_O/P())

Q5 Encryption Using Caesar Cipher:

def encrypt(string):

cipher = ""

for char in string:

if char == ' ':

cipher = cipher + char

elif char.isupper():

cipher = cipher + chr((ord(char) + 3 - 65) % 26 + 65)

else:

cipher = cipher + chr((ord(char) + 3 - 97) % 26 + 97)

return cipher

text = "Attack from North"

Print("after Encryption:", encrypt(text))

decryption Using Caesar cipher

def decrypt(string):

plain = ""

for char in string:

if char == ' ':

plain = plain + char

elif char.isupper():

plain = plain + chr((ord(char) - 3 - 65) %
26 + 65)

else :

plain = plain + chr((ord(char) - 3 - 97) %
26 + 97)

return plain

← text = " "

← print("after decryption :", decrypt(text))