**EX 1-d**

**code**

from cryptography.fernet import Fernet

key=Fernet.generate\_key()

f=Fernet(key)

token=f.encrypt(b"Hello World")

token

b'...'

f.decrypt(token)

b'Hello World'

key=Fernet.generate\_key()

cipher\_suite=Fernet(key)

plain\_text=b"Hello World"

cipher\_text=cipher\_suite.encrypt(plain\_text)

decrypted\_text=cipher\_suite.decrypt(cipher\_text)

print("Original Data:",plain\_text)

print("Encrypted Data:",cipher\_text)

print("Decrypted Data:",decrypted\_text)print("Decrypted Data:",decrypted\_text)

**output**

