CODE:

from cryptography.fernet import Fernet

key=Fernet.generate\_key()

f=Fernet(key)

token=f.encrypt(b"hello")

token

b'....'

f.decrypt(token)

b'hello'

key=Fernet.generate\_key()

cipher\_suite=Fernet(key)

plain\_text=b"hello"

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

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

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

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

print("Decrypted data: ",decrypt\_text)

OUTPUT:

Original data: b'hello'

Encrypted data: b'gAAAAABmtESjrmvU-PRdSH2X2Lr8oEYRKr0XpG9Y7L8kstZjkgpAQ0dGb7oiyX5EsdwN1BzoLA9JvCvppZGbyrBWd95dpD1nVA=='

Decrypted data: b'hello'