

Experiment 1.D**Code :**

```
from cryptography.fernet import Fernet
key=Fernet.generate_key()
f=Fernet(key)
token=f.encrypt(b"REC")
f.decrypt(token)
b"REC"
key=Fernet.generate_key()
cs=Fernet(key)
pt=b"REC"
ct=cs.encrypt(pt)
print(pt)
print(ct)
dt=cs.decrypt(ct)
print(dt)
```

Output :

```
b'REC'
b'gAAAAABmwrYFadv5y4S3nP0GX_ZkFXYkd-eLSBw00tYjiueilr27P0-IgdcstA0xc5M_198f
3tUcbsL5iWP-z-LD9v-IRU94A=='
b'REC'
```