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Trusted

Python 3 (ipykernel) O

```
In [2]: from cryptography.fernet import Fernet
key = Fernet.generate_key()
f = Fernet(key)
token = f.encrypt(b"Rajalakshmi Engineering College")
token
b'...'
f.decrypt(token)
b'Rajalakshmi Engineering College'
key = Fernet.generate_key()
cipher_suite = Fernet(key)
plain_text = b"Rajalakshmi Engineering College."
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)
```

```
Original Data: b'Rajalakshmi Engineering College.'
Encrypted Data: b'gAAAAABopEyTECfcRCYchLgnWy2f0mowVTjp-OEDbPTPZxp_jQkW7Pfk_6IVGkigl2NVHa0Rt5R_H6MfZ89l2RmrZLV5vAO_egx-8VRkGxuyANnTeovlXXUjf4mzppFnVS5txNTWn9E'
Decrypted Data: b'Rajalakshmi Engineering College.'
```

In [ ]: