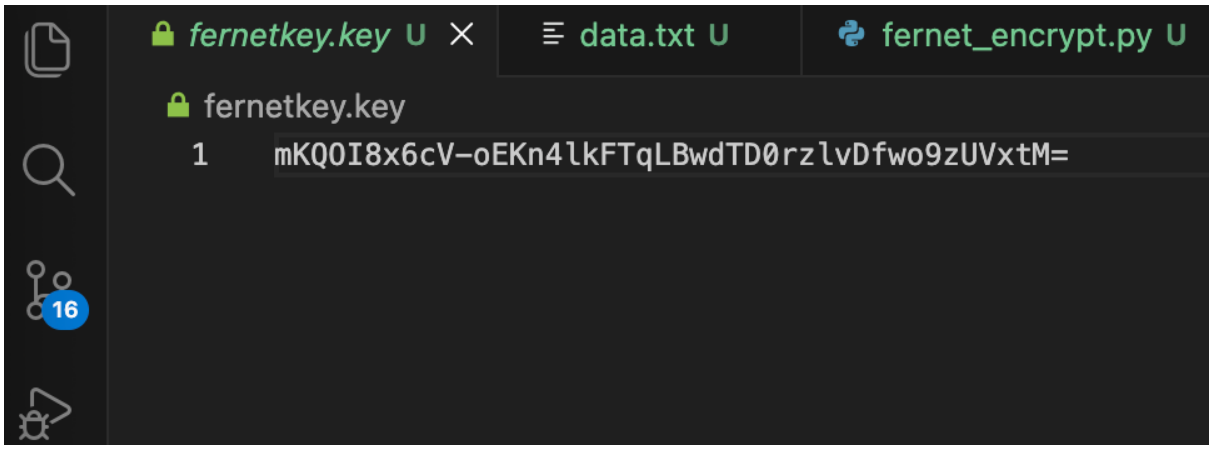
Task 1:

Fernet encryption

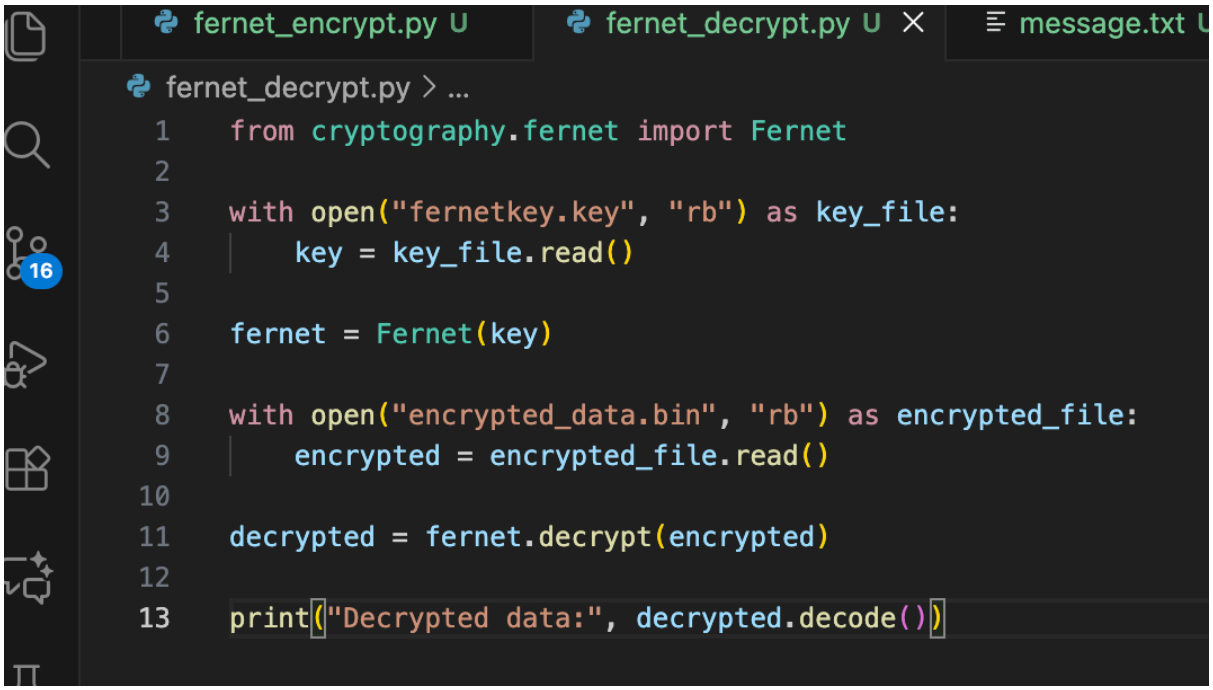
fernet_encrypt.py > ...

```python
from cryptography.fernet import Fernet

key = Fernet.generate_key()
fernet = Fernet(key)

with open("fernetkey.key", "wb") as key_file:
    key_file.write(key)

with open("data.txt", "rb") as file:
    original = file.read()

encrypted = fernet.encrypt(original)

with open("encrypted_data.bin", "wb") as encrypted_file:
    encrypted_file.write(encrypted)
print("Encrypted data:", encrypted)

```

Fernet Key

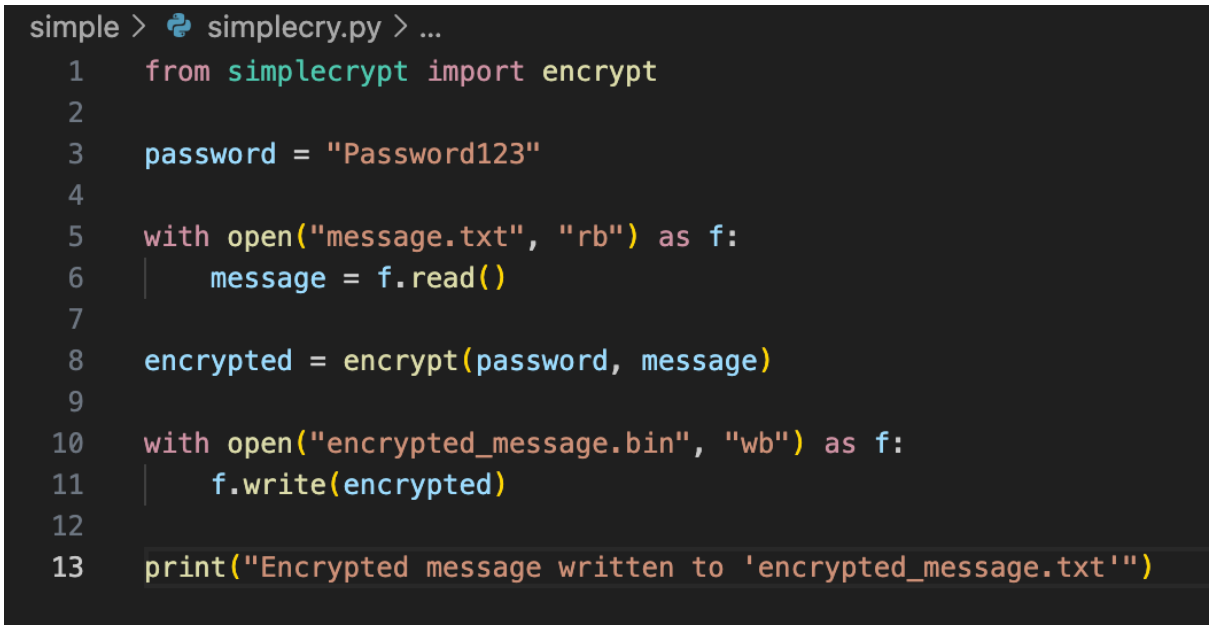


Fernet Decryption



Task 2:

encryption



Decryption

simple > desimple.py > ...

```python
from simplecrypt import decrypt

password = "Password123"

with open("encrypted_message.bin", "rb") as f:
    encrypted = f.read()

decrypted = decrypt(password, encrypted)

print("Decrypted message:", decrypted.decode())
```

Task 3:

simple > script.py > ...

```python
import paramiko

hostname = "localhost"
port = 2222
username = "admin"
password = "root"

with open("command.txt", "r") as f:
    command = f.read().strip()

ssh = paramiko.SSHClient()
ssh.set_missing_host_key_policy(paramiko.AutoAddPolicy())

ssh.connect(hostname, port=port, username=username, password=password)

stdin, stdout, stderr = ssh.exec_command(command)

output = stdout.read().decode()
with open("ssh_output.txt", "w") as f:
    f.write(output)

ssh.close()
print("Done! Check ssh_output.txt")

```