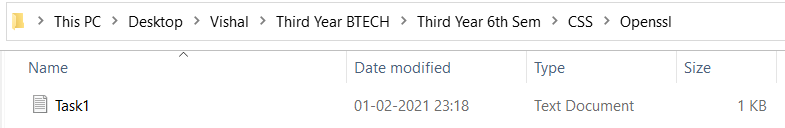


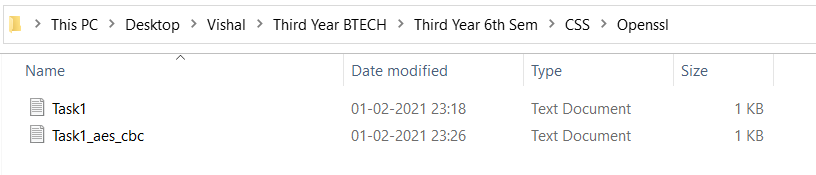
**Task 1:**

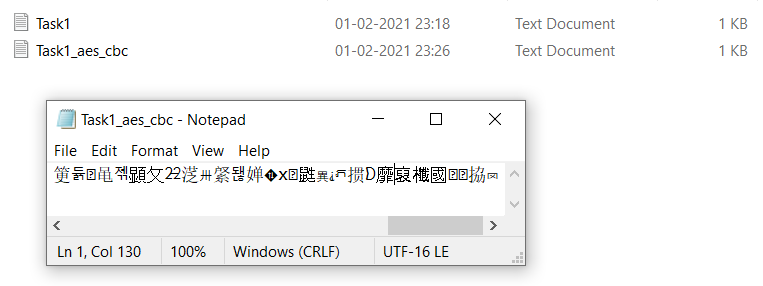
**1)-aes-128-cbc Encryption:**

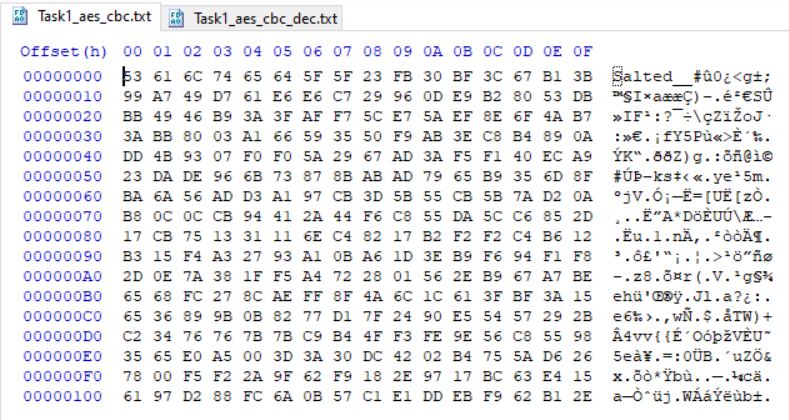




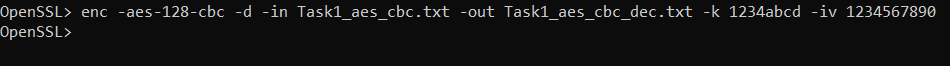




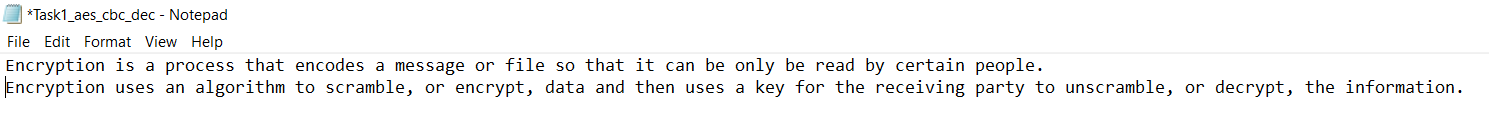


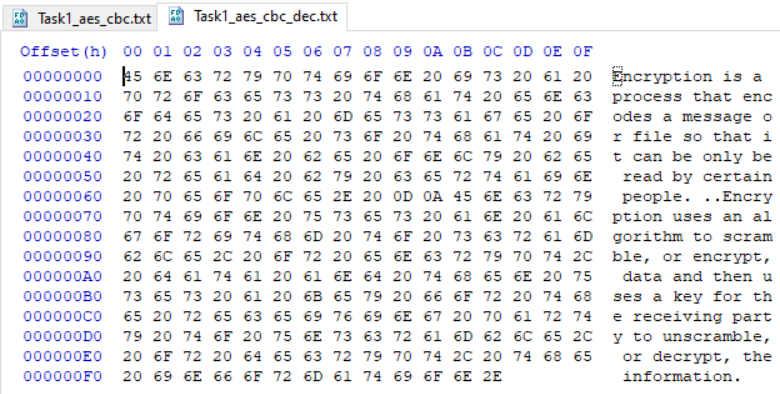


**Decryption:**





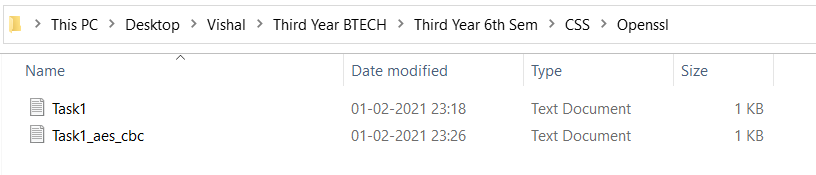


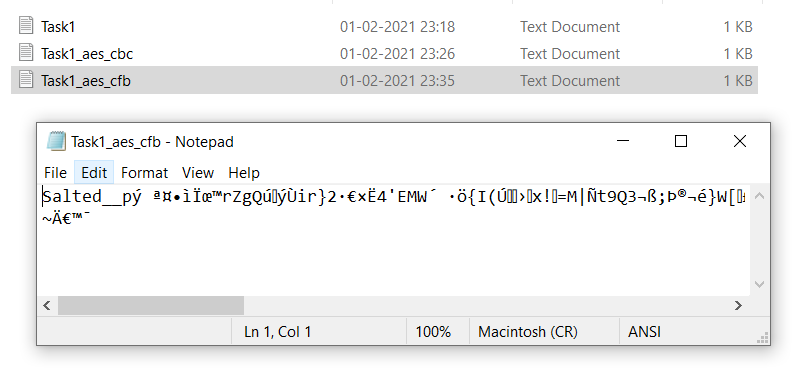


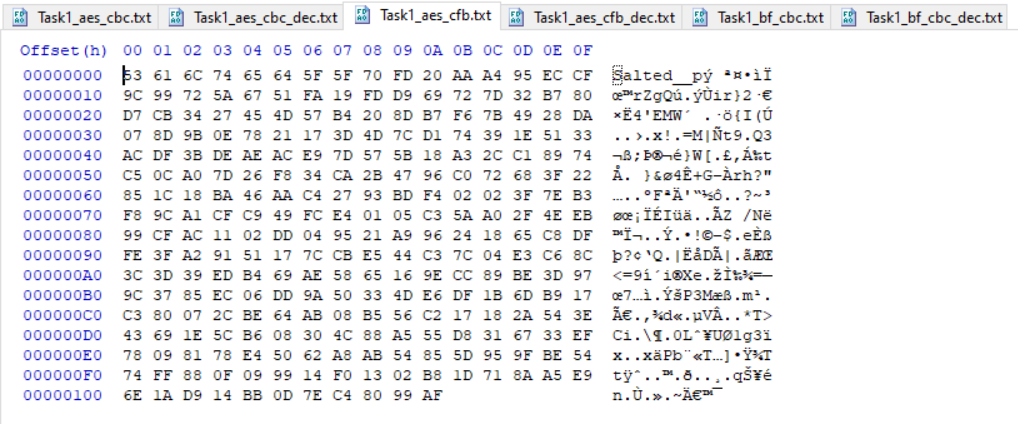
**2) -aes-128-cfb Encryption**



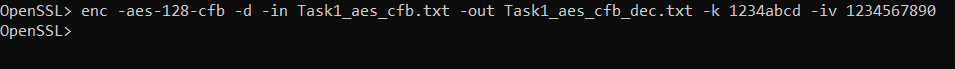


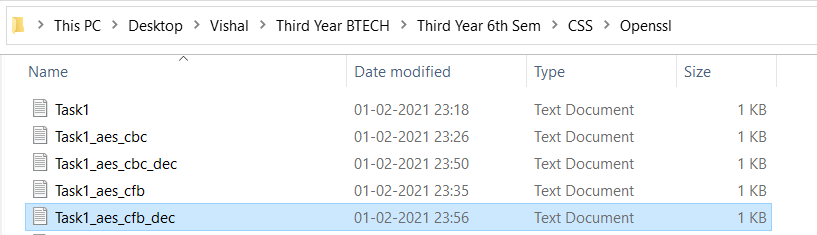


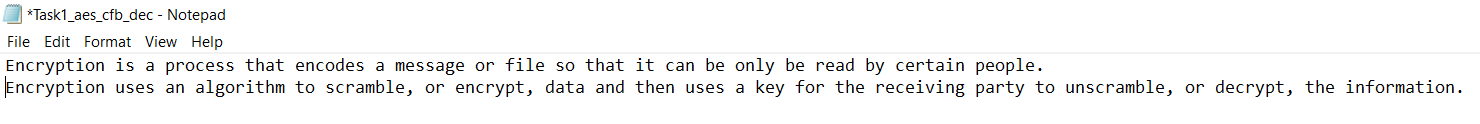




**Decryption:**





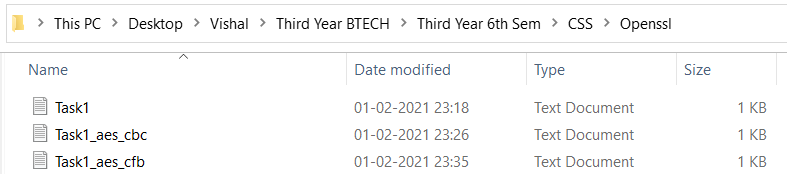


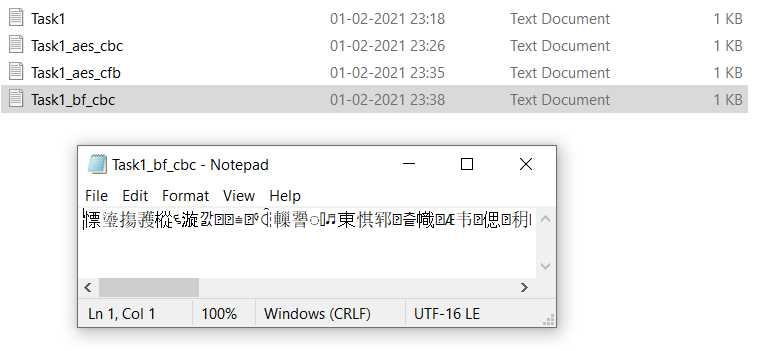


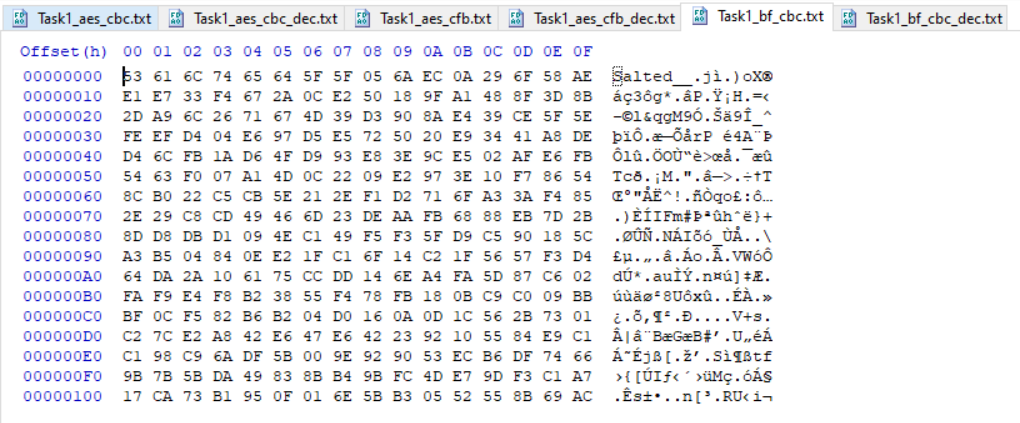
**3)-bf\_cbc Encryption:**





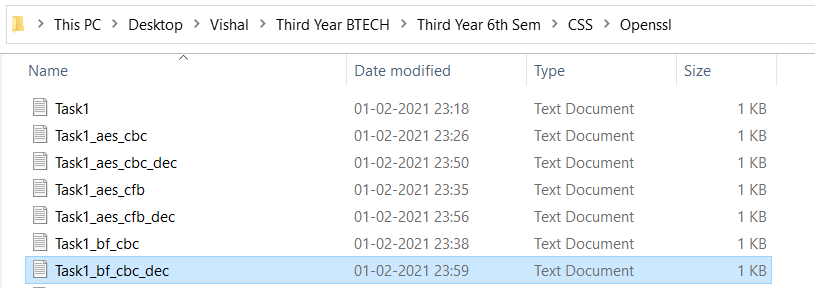


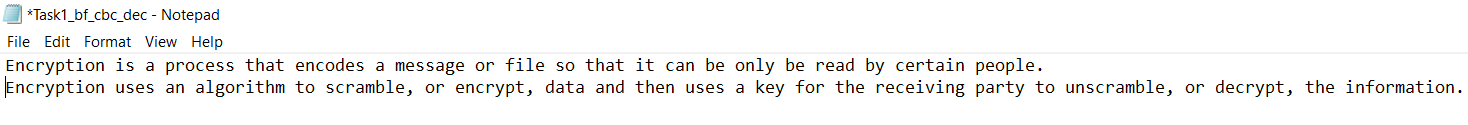


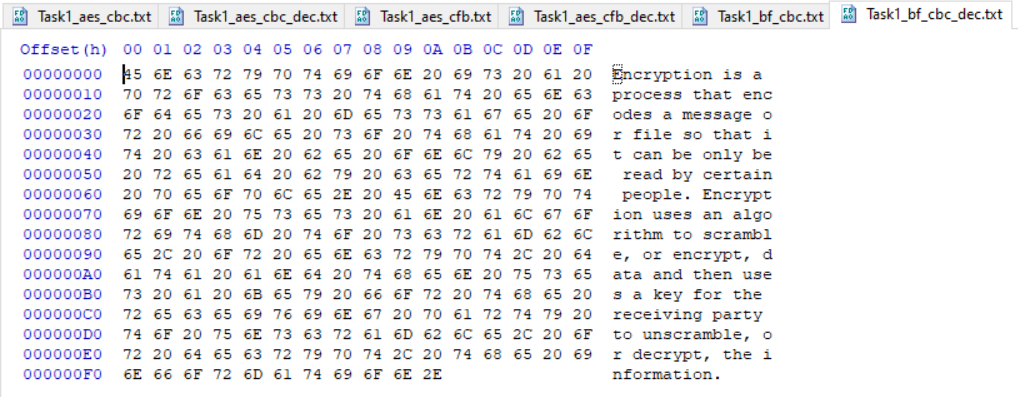


**Decryption:**



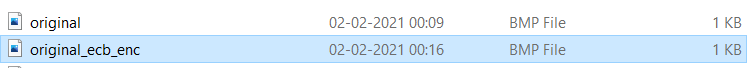


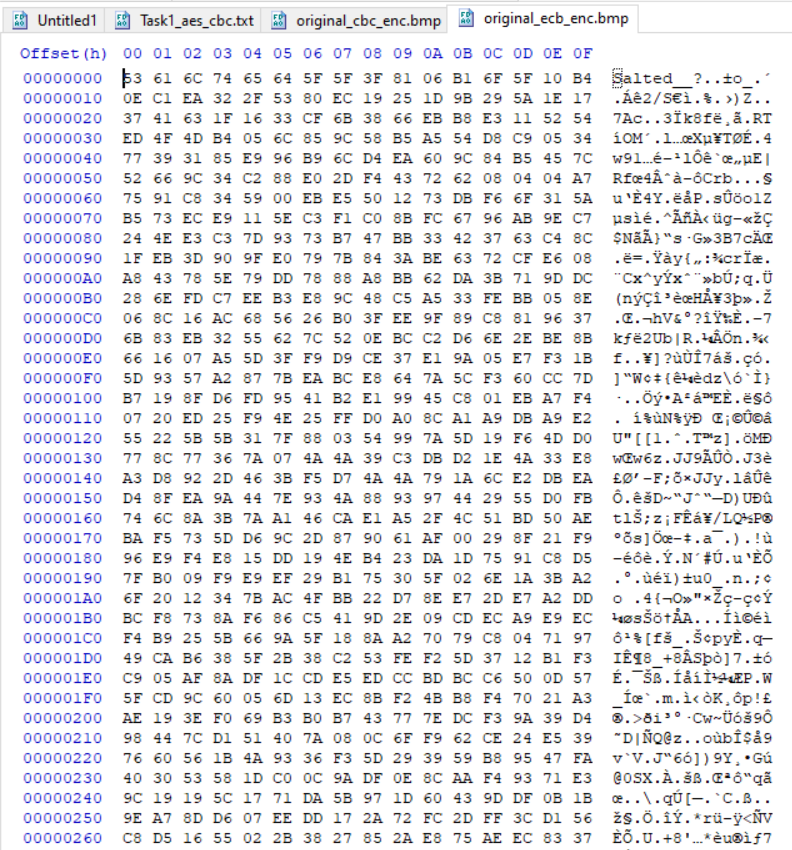




**Task 2:**

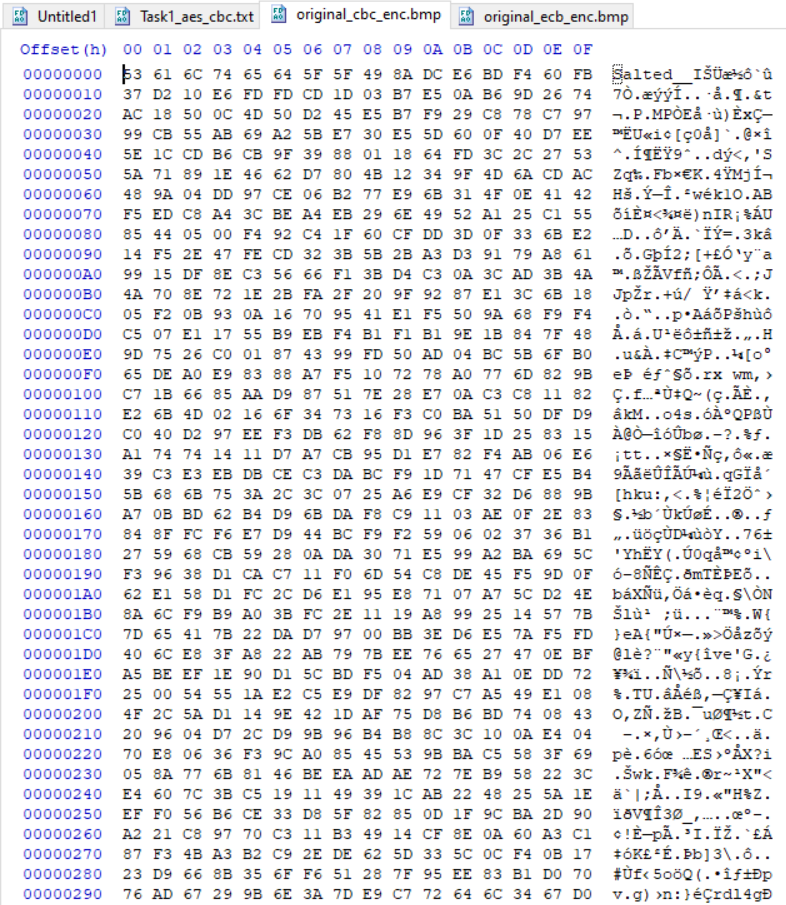






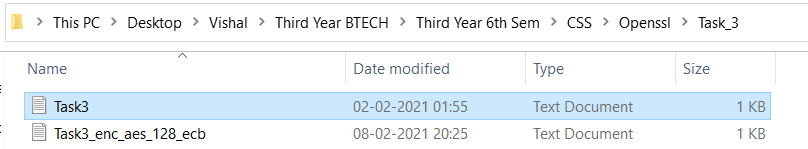




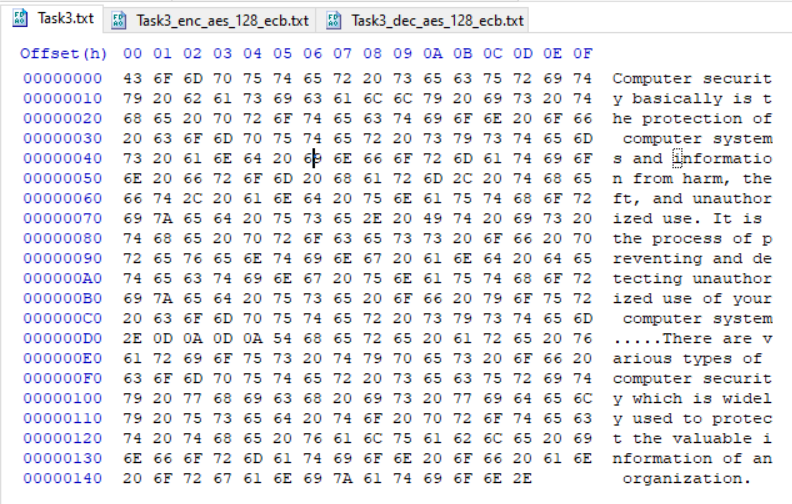


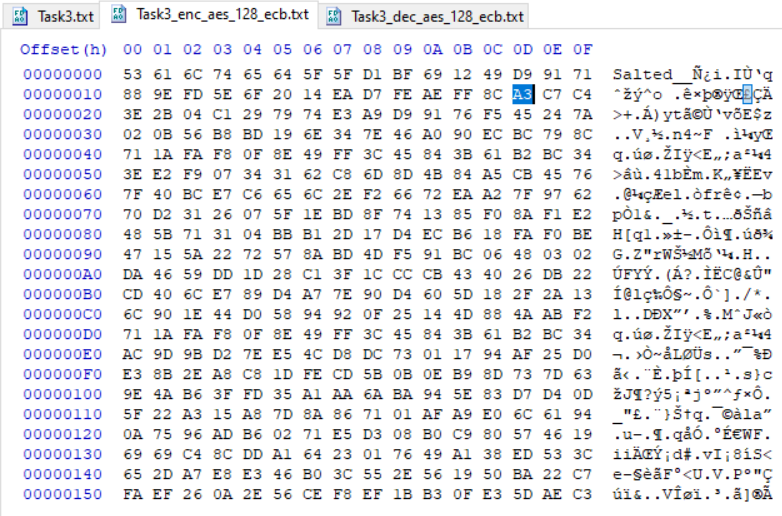
**Task3 :**

**Encryption mode – ECB**

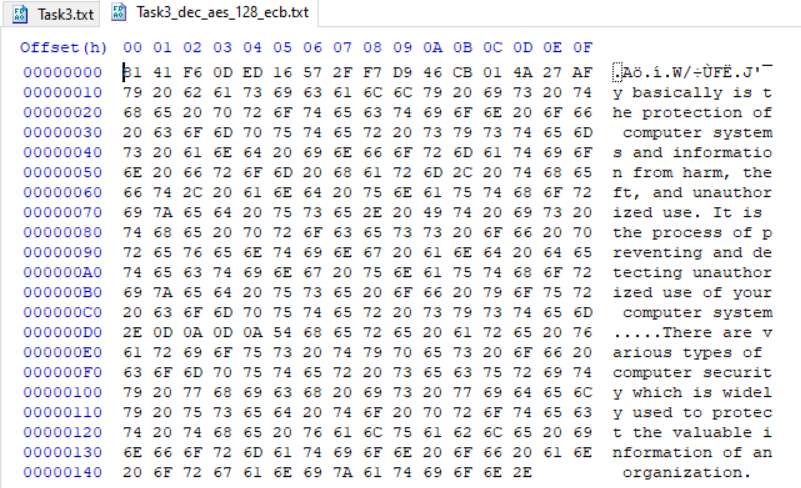






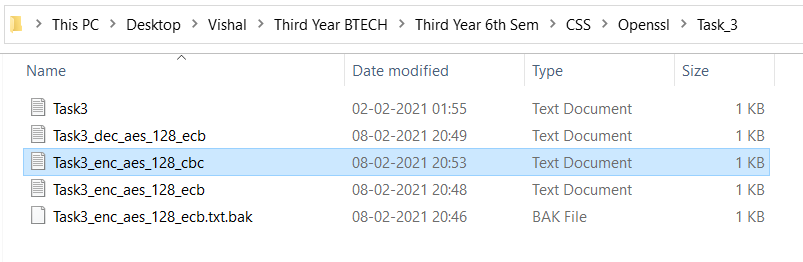


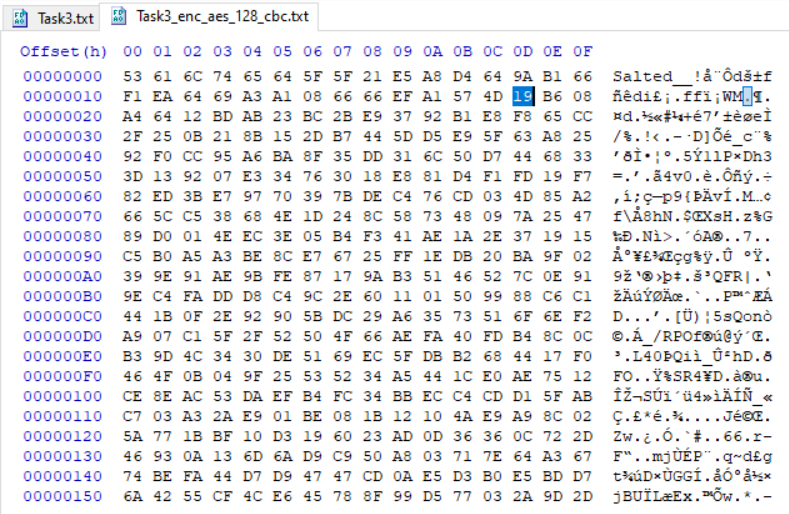


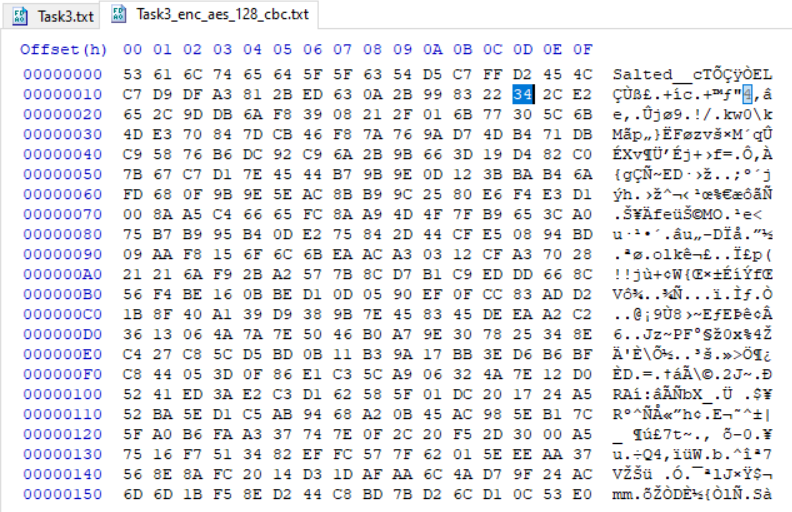


**Encryption mode – CBC**

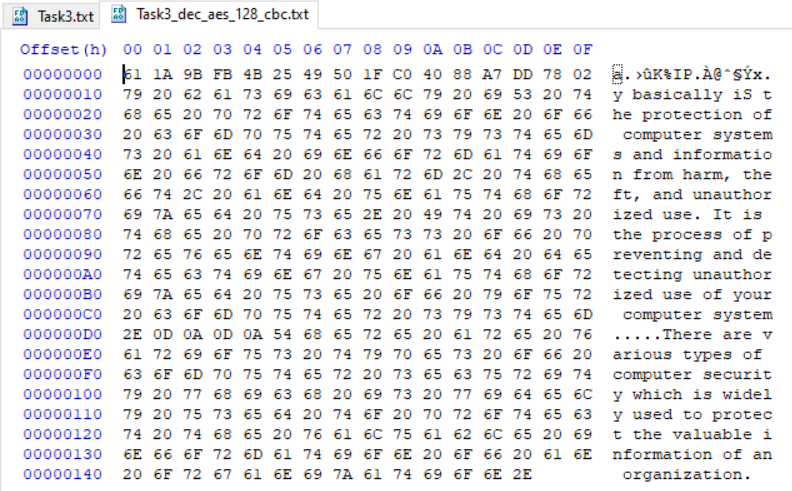






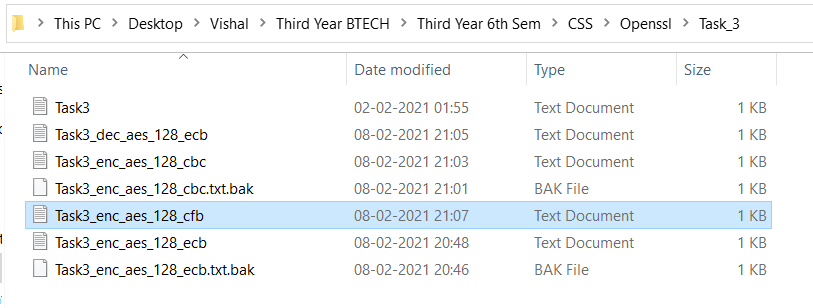


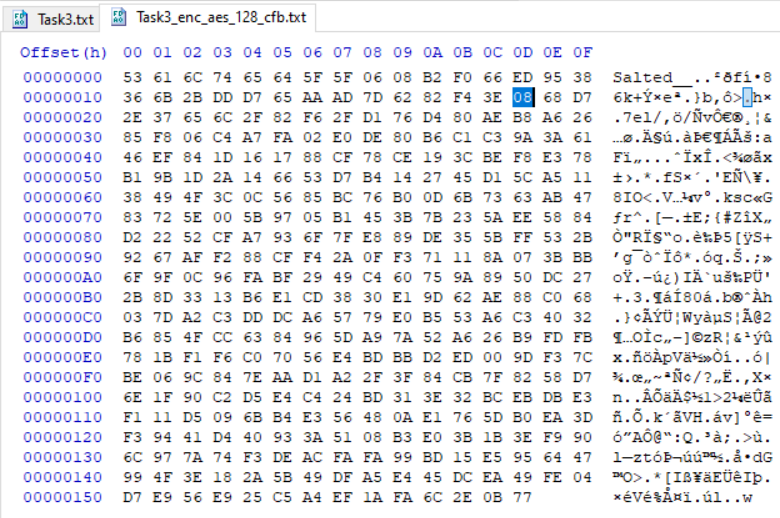


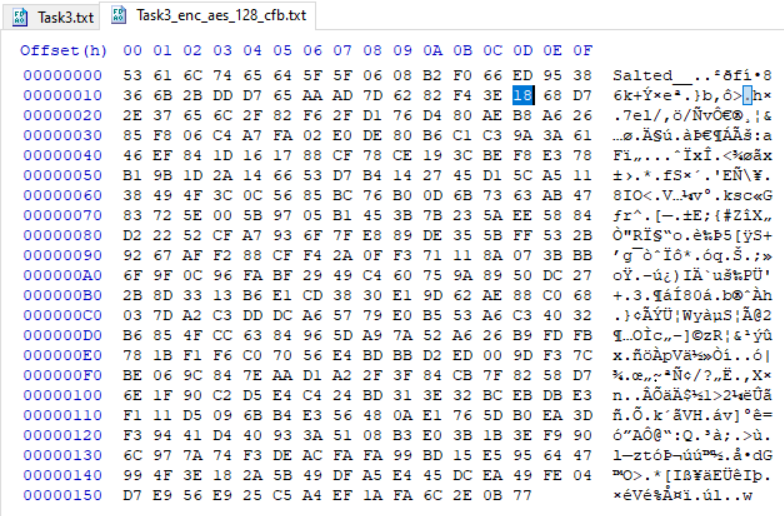


**Encryption mode – CFB**

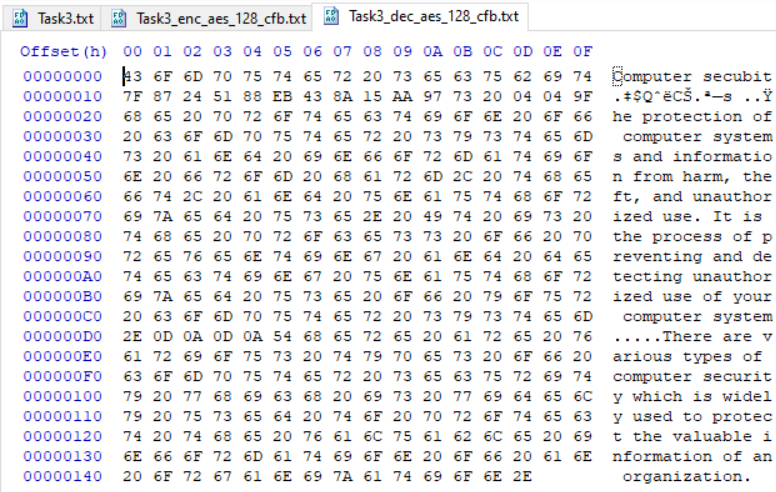






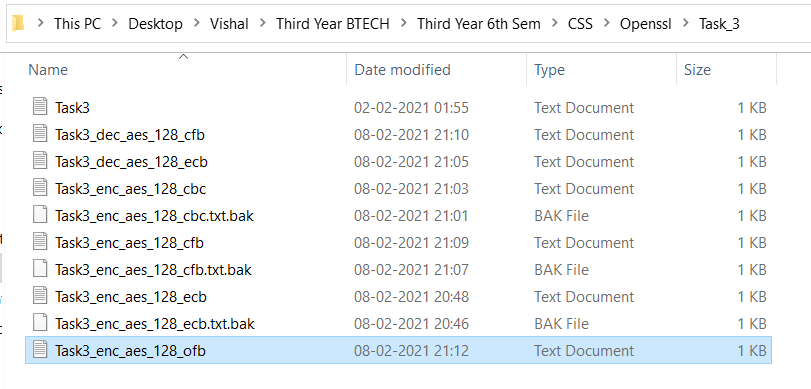


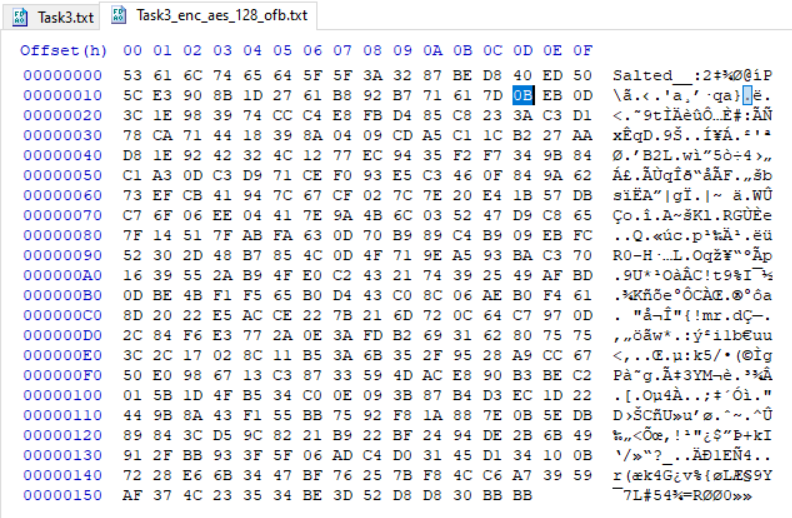


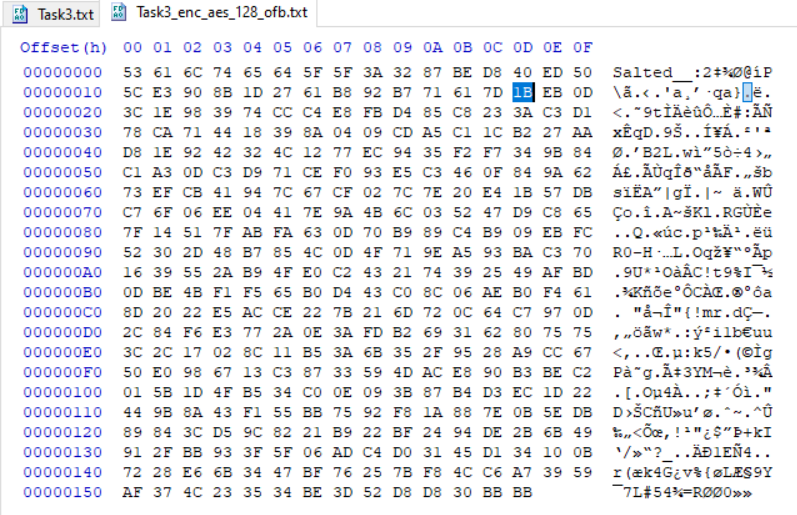


**Encryption mode – OFB**

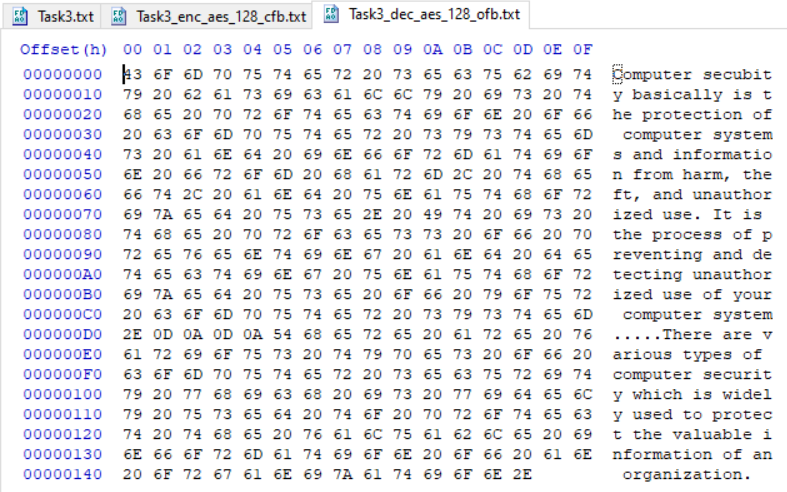




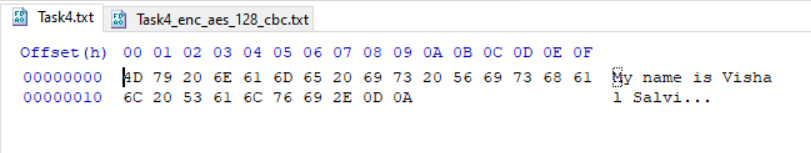


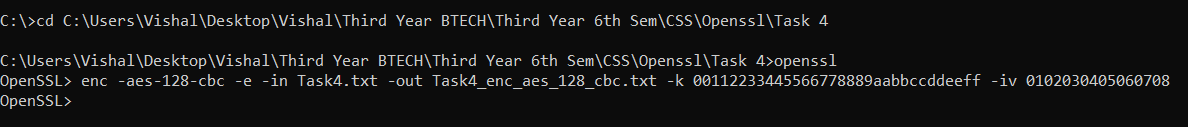


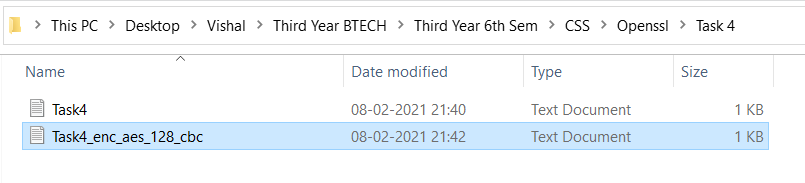


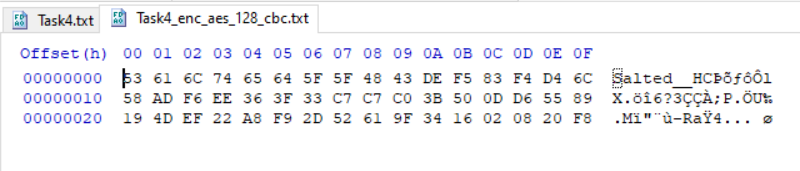


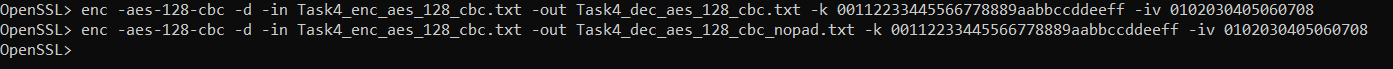
**Task 4:**

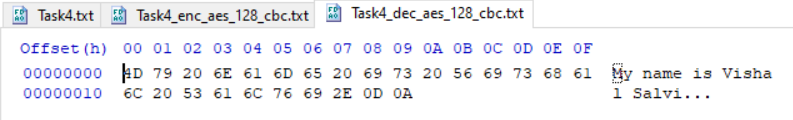


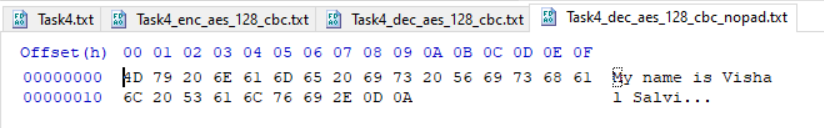


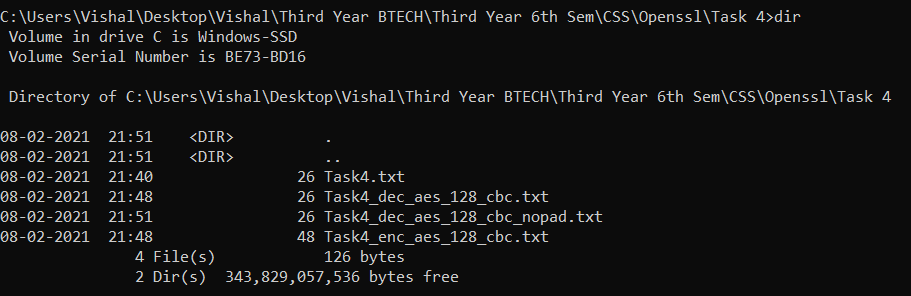


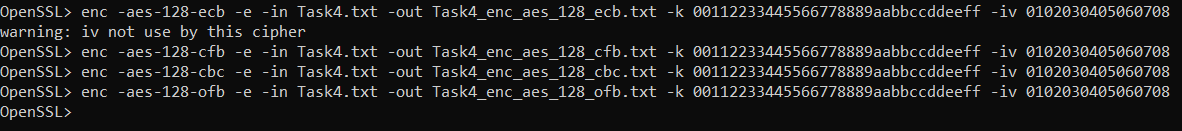


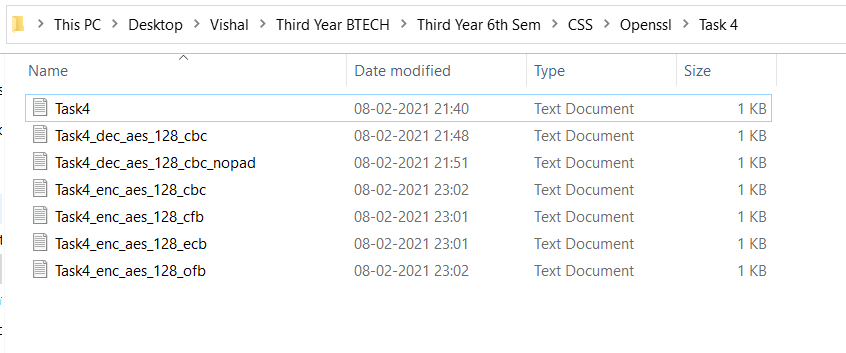


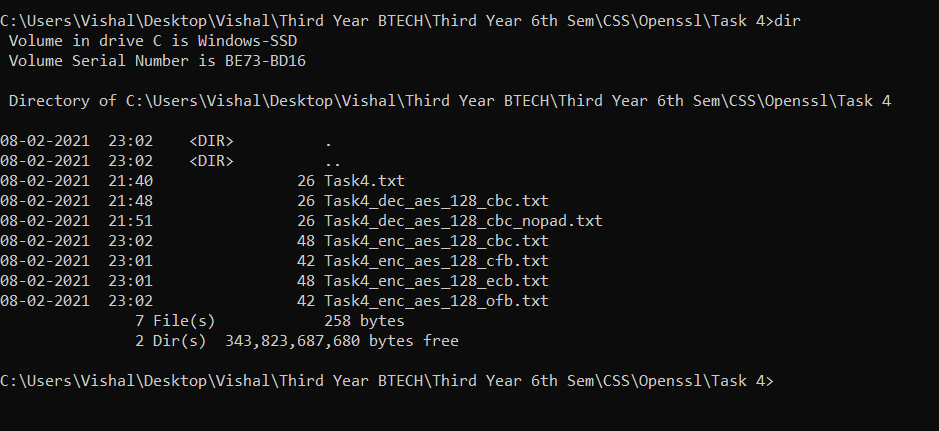


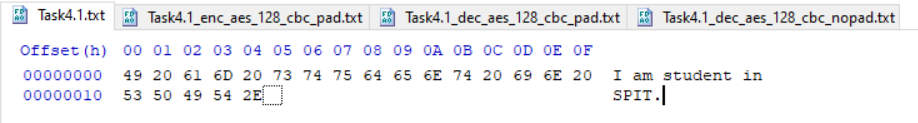




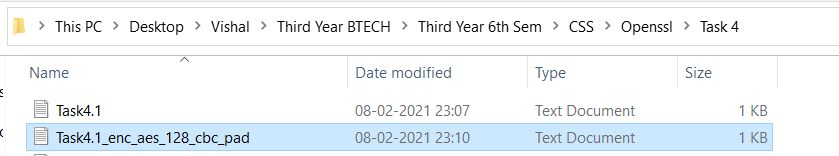


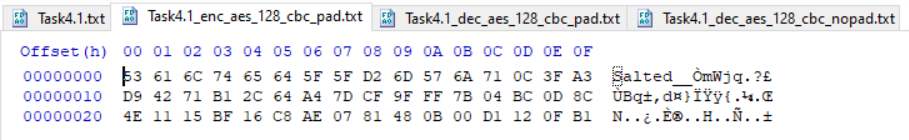




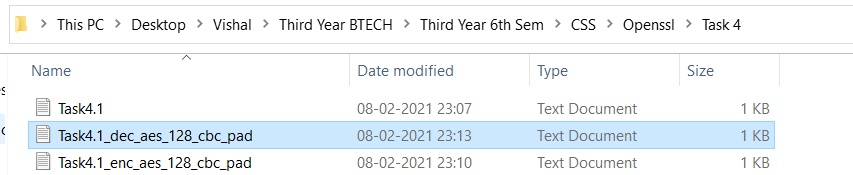


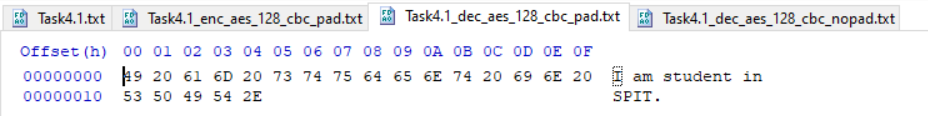




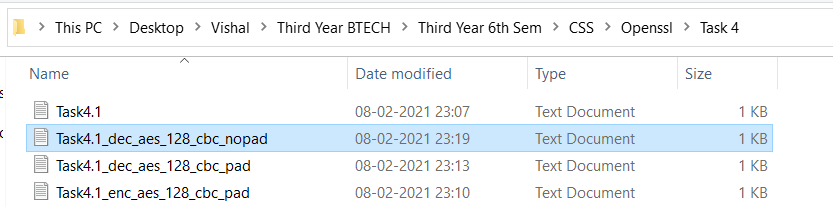




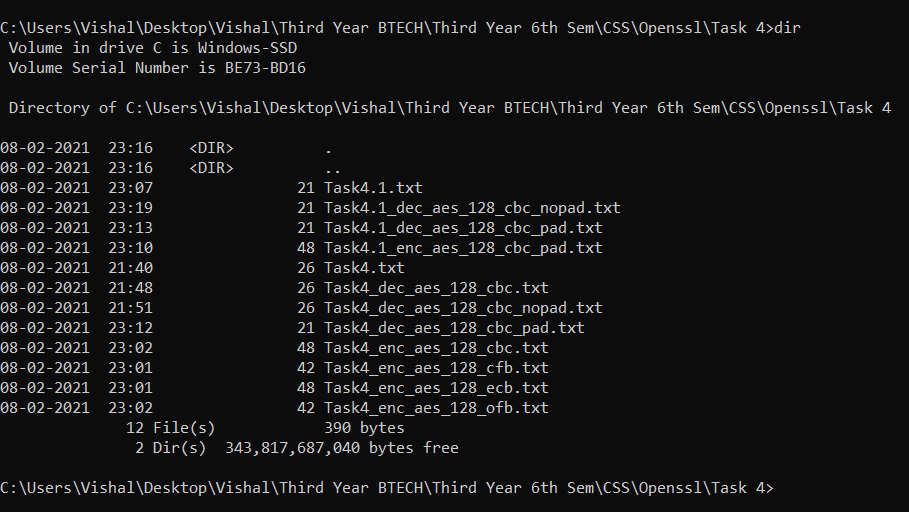












**Task 5:**