

Assignment-02! CTF

Question-1

The file itself is in some random form.

For type of file:

```
file ChainedWithin
```

```
readelf -h ChainedWithin
```

not much useful!

Firstly, I tried on running it on linux with commands, then found it's just visible directly, without even running 😊.

Question 2

Visible is

```
packetvsocket{th15_15_17
```

apply lsb extraction (steganography) of all-RBG

we get

```
PacketVSocket
```

```
TwoFish(CBC)
```

Might tell: Twofish algorithm for decryption(CBC mode)

This requires both iv, key

Ran a binwalk tool giving two extracted files, found nothing much running them. Declared they are encrypted files.

Assuming any of values :

```
packetvsocket{th15_15_17
```

```
PacketVSocket
```

As key and iv, ran the encrypted file by two fish algorithm

Every code is in python

The answers I got in any step did not match the correct answer!