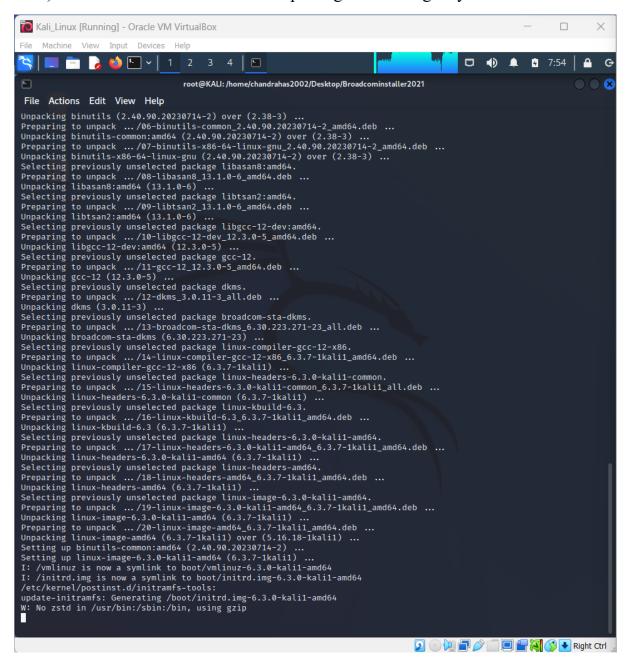
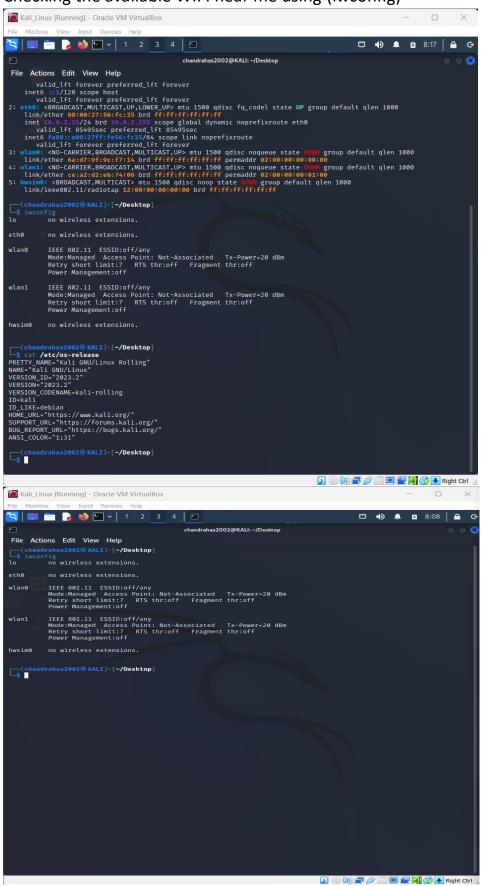
#### CS-MAJOR-JUNE- CS-06-MLB3

1) WIFI - WPA/2: Handshake Capturing & Cracking Key



#### Checking the available WIFI near me using (iwconfig)



#### Successfully changed the Wi-Fi to monitor mode

```
chandrahas2002 ★ KALI)-[~/Desktop]
iwconfig
no wireless extensions.

eth0 no wireless extensions.

wlan1    IEEE 802.11    ESSID:off/any
        Mode:Managed Access Point: Not-Associated Tx-Power=20 dBm
        Retry short limit:7    RTS thr:off Fragment thr:off

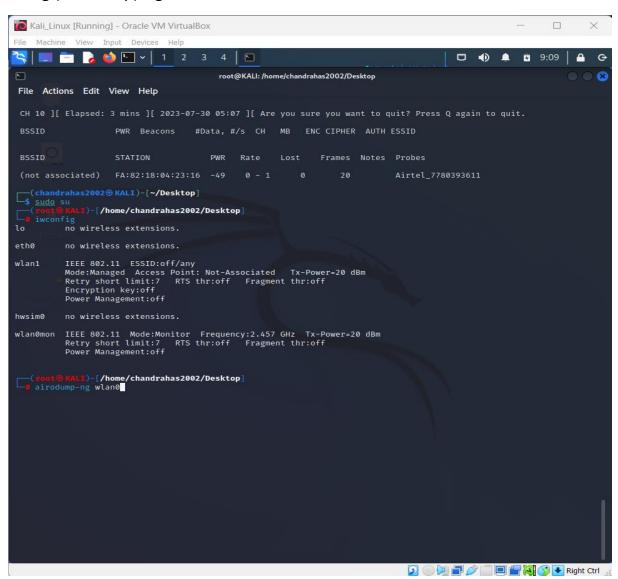
hwsim0    no wireless extensions.

wlan0mon    IEEE 802.11    Mode:Monitor    Frequency:2.457    GHz    Tx-Power=20 dBm
        Retry short limit:7    RTS thr:off    Fragment thr:off
        Power Management:off

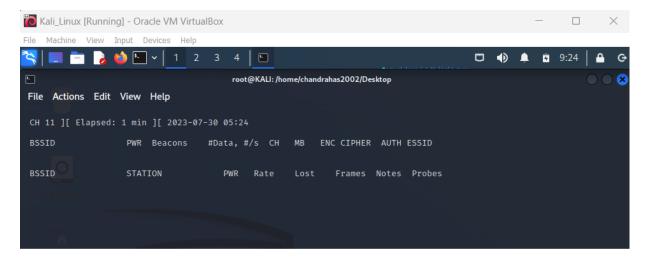
(chandrahas2002 ★ KALI)-[~/Desktop]

**Chandrahas2002 ★ KALI)-[~/Desktop]
```

#### Using (airodump)-ng wlan0 command

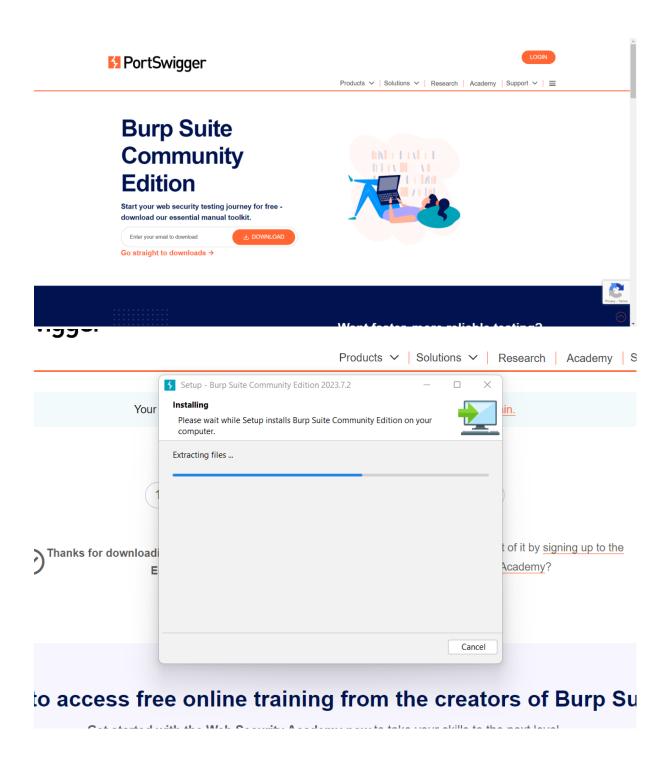


Found the BSSID of WIFI and use sudo airomon-ng wlan0mon -d (BSSID)

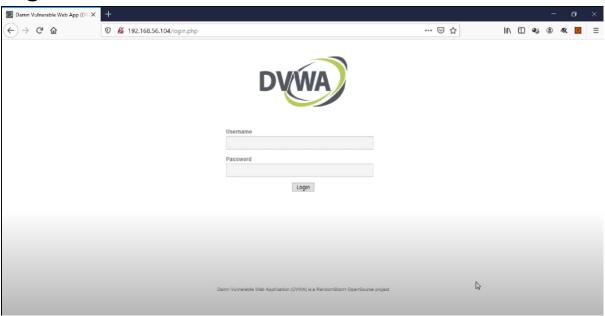


# 2) Perform Session Hijacking & get Login Access using DVWA

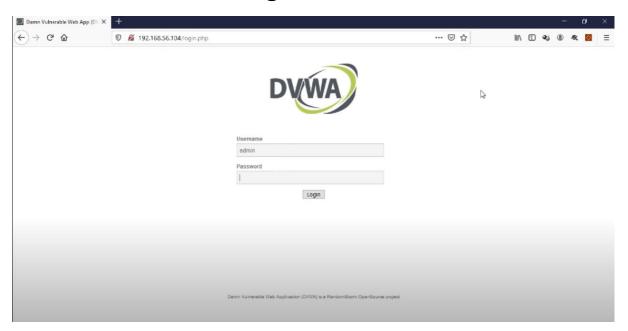
**Installing (Burp suit)** 



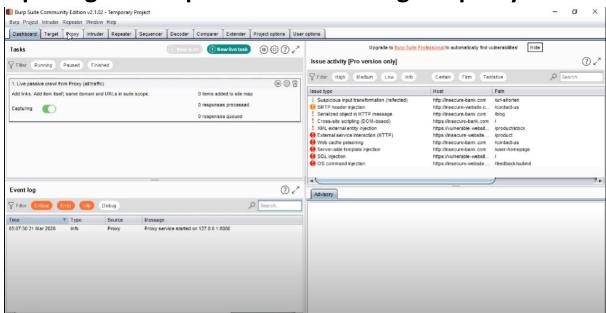
## **Login in DVWA**



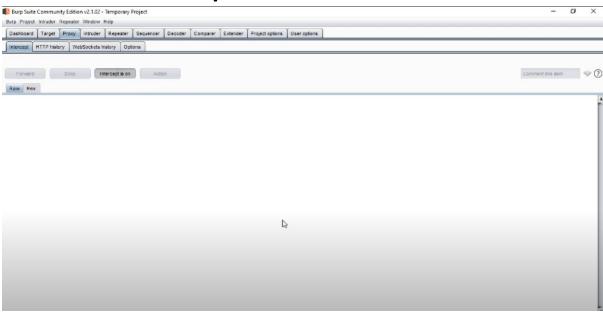
## Gave credentials but login failed



### Opening the Burp suite and checking the proxy



### Turn on the intercept

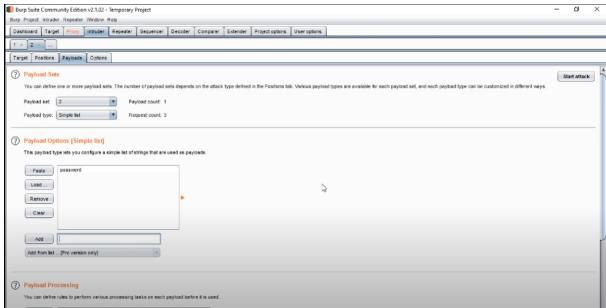




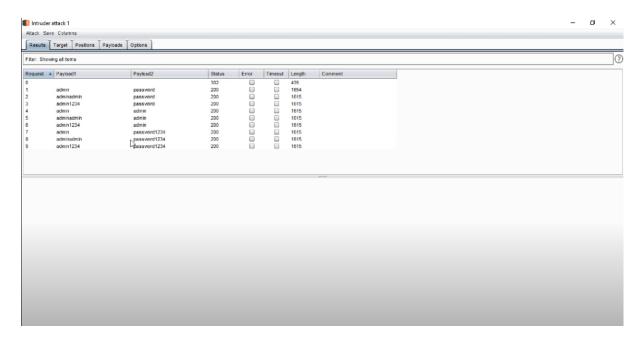
### **Setting the payload positions**



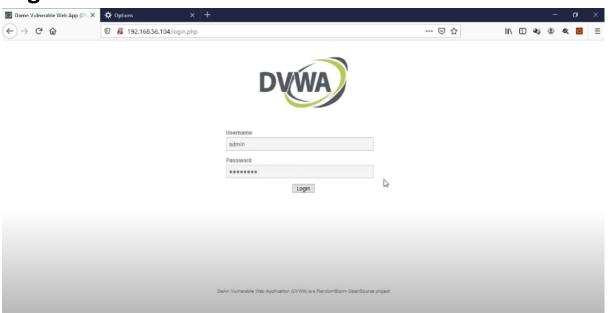
## Setting up the payload



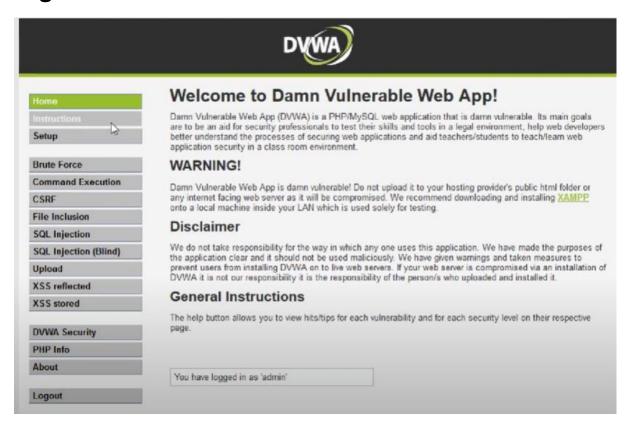
#### Results



### **Login in to DVWA**



## Login successful

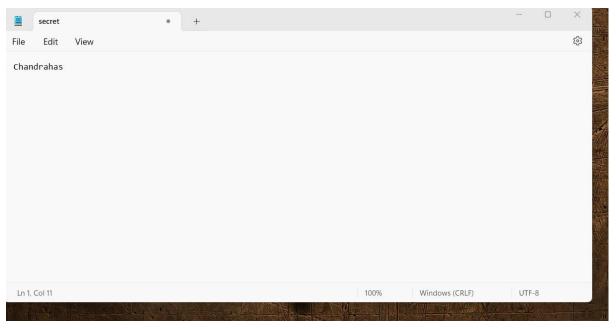


3) Generate cipher.txt which includes Encrypted value of your "Name" using the RSA public

key & Hide cipher.txt behind Image using Steganography. Also showcase decryption using RSA Private Key created a new TXT file



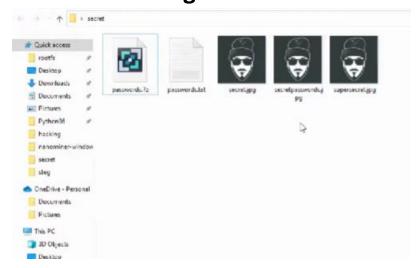
#### **Entered my name in the text file**



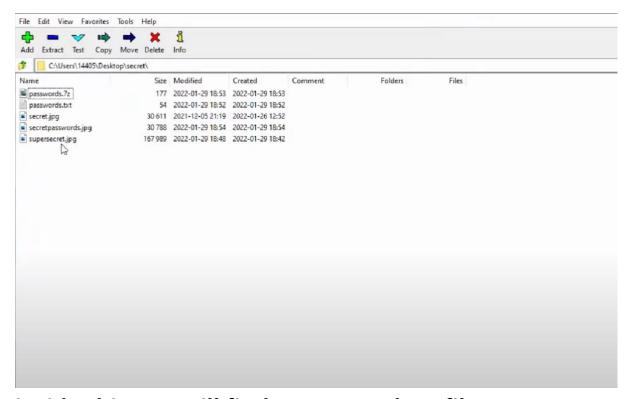
#### compressed to a Zip file



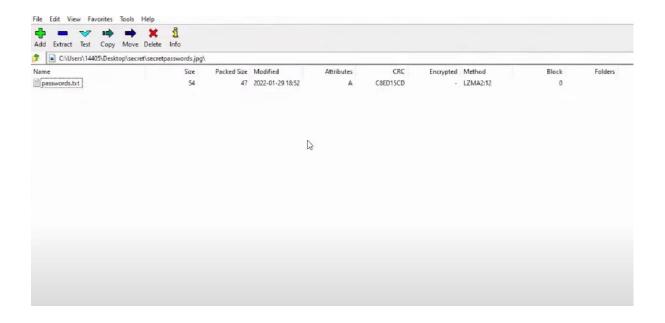
## Used 7 Zip to make a password file and encrypted the txt into image



## After clicking the image we cant see the real text now double click on the password files



inside this you will find a password.txt file



-----X------X