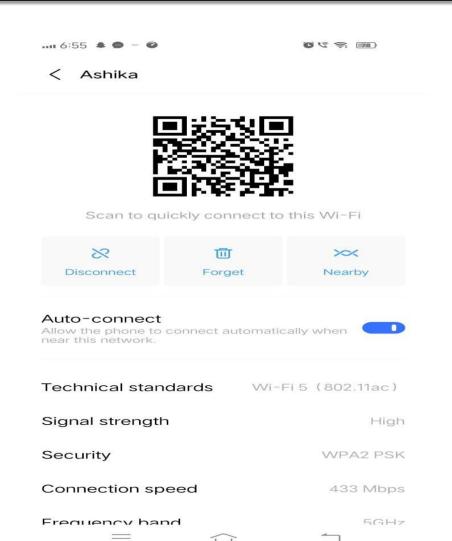
# CYBER

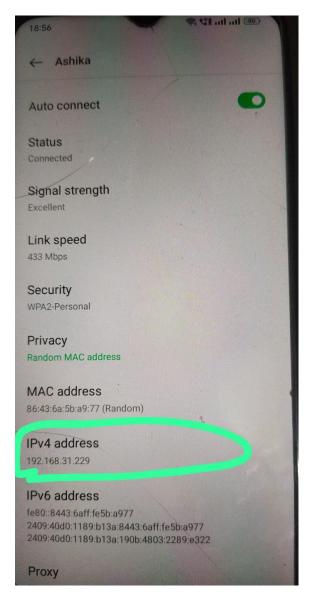
# SECURITY

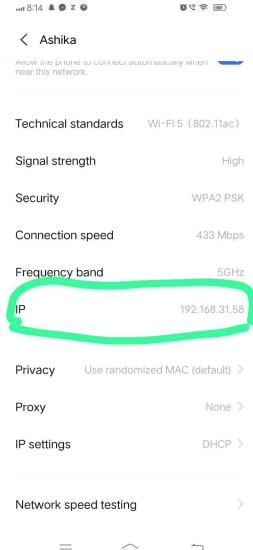
ASHIKA BCA1 EA 614

## Q1. SCAN LOCAL NETWORK



#### Q2. IP ADDRESS OF DIFFERENT DEVICES





```
Command Prompt
    reless LAN adapter Local Area Connection: 12:
    Connection-specific DNS Suffix . :
 Wireless LAN adapter Wi-Fi:
   Media State . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix . : lan
Wireless LAN adapter Wi-Fi 3:
   Connection-specific DNS Suffix . : lan
                        . . . . . : 2409:40d0:1189:b13a:1af5:c290:f9ca:8b39
  IPv4 Address. . . . . . . . . : 192.168.31.134
  Default Gateway . . . . . . . : fe80::ba3b:abff:fef0:ac16%7
                                      192.168.31.1
Ethernet adapter Bluetooth Network Connection:
  Media State . . . . . . . . . . . . Media disconnected
  Connection-specific DNS Suffix .:
C:\Users\HP>_
```

## Q3. MAC ADDRESS

Wi-Fi MAC address

6c:24:a6:47:95:6d

Bluetooth address

Unavailable

Legal information





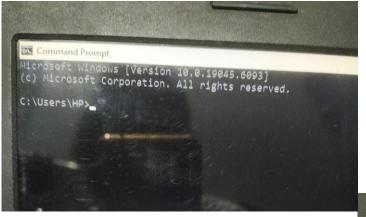


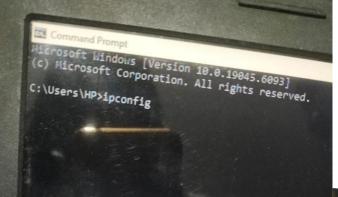
### Q4. SUBNET MASK

A subnet mask is a 32-bit number that divides an IP address into its network portion and host portion, allowing devices to determine if another device's IP address is on the same local network or a different one.

#### How to find subnet mask of network??

- 1. Firstly I open commond prompt in PC.
- 2. Then I type ipconfiq.
- 3. At last window is open .
- 4. And I found subnet mask.





DEVICE TYPE :- WIFI(WIRELESS)

HOST NAME :- ASHIKA

## MEDIUM TASK

Q1. What kind of attack is this? Ans. SQL injection attack.

Q2. What is the attacker trying to do with admin?

Ans. Attacker tries to bypass password check and log in as admin.

Q3. Here's the SQL query the website might be using:
SELECT \* FROM users WHERE username = '<input>' AND password = '<input>';
Explain how this query would be interpreted with the attacker's input.
Ans. SELECT \* FROM Users WHERE username = 'admin';

Q4. Suggest two ways to prevent this kind of attack.

Ans. Use prepared statements. Validate user input.

# THANK

YOU