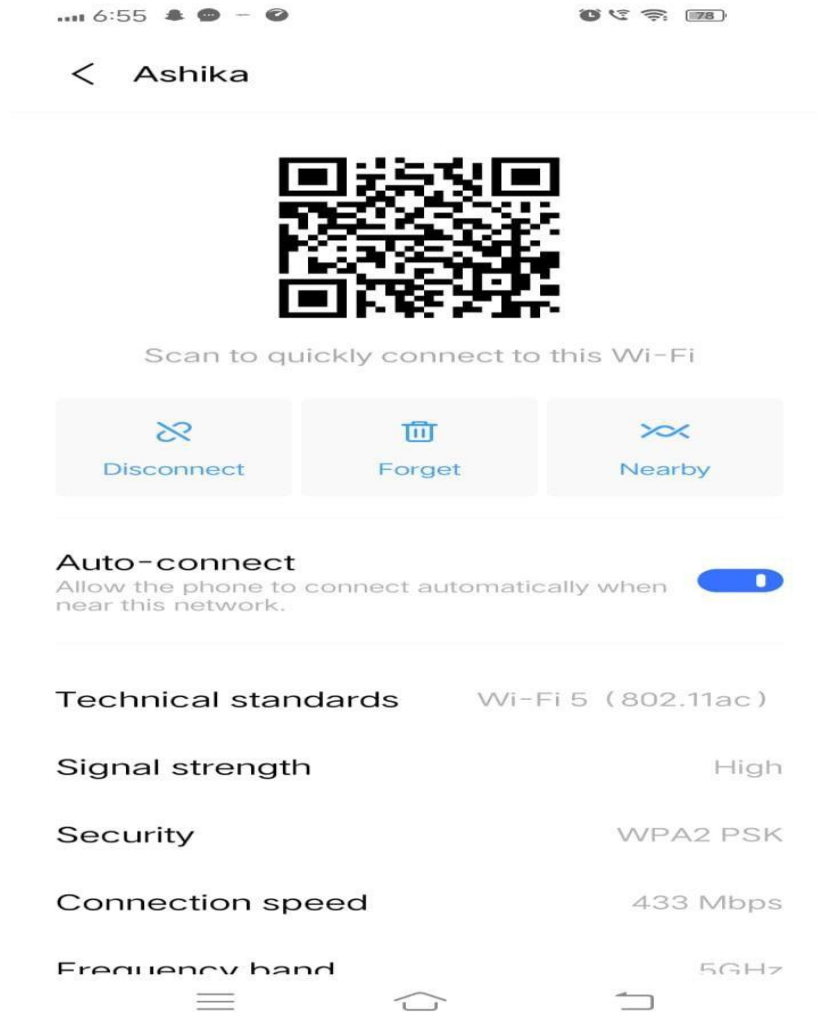


CYBER

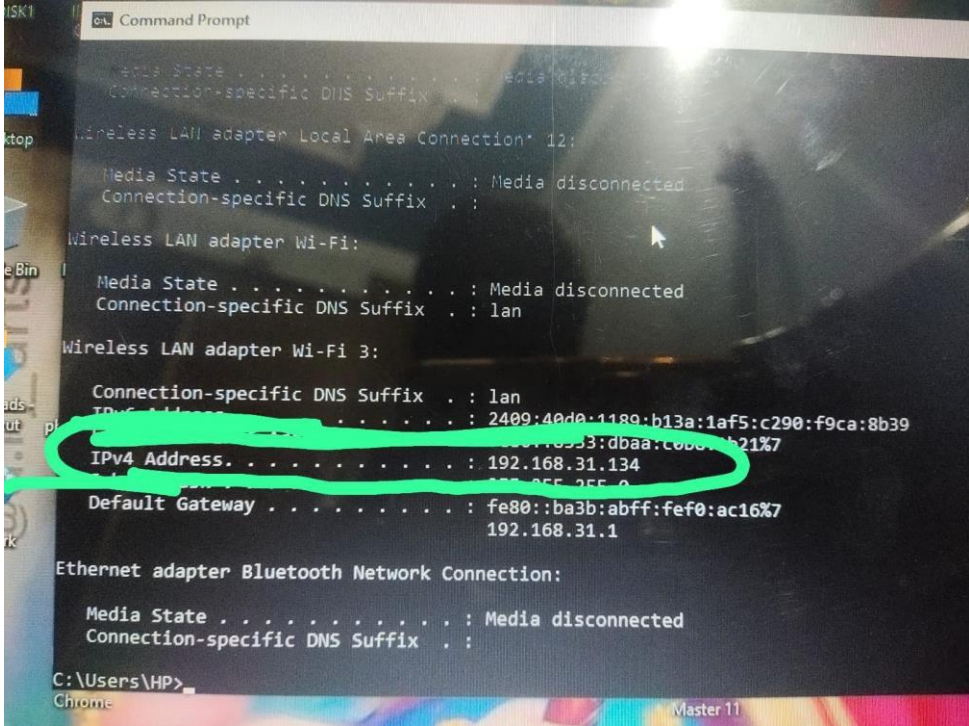
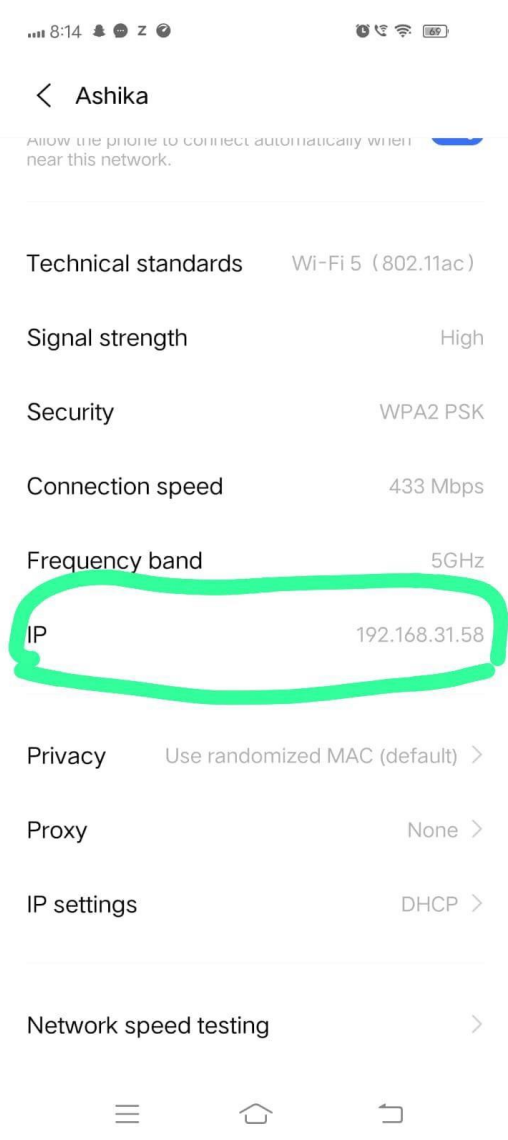
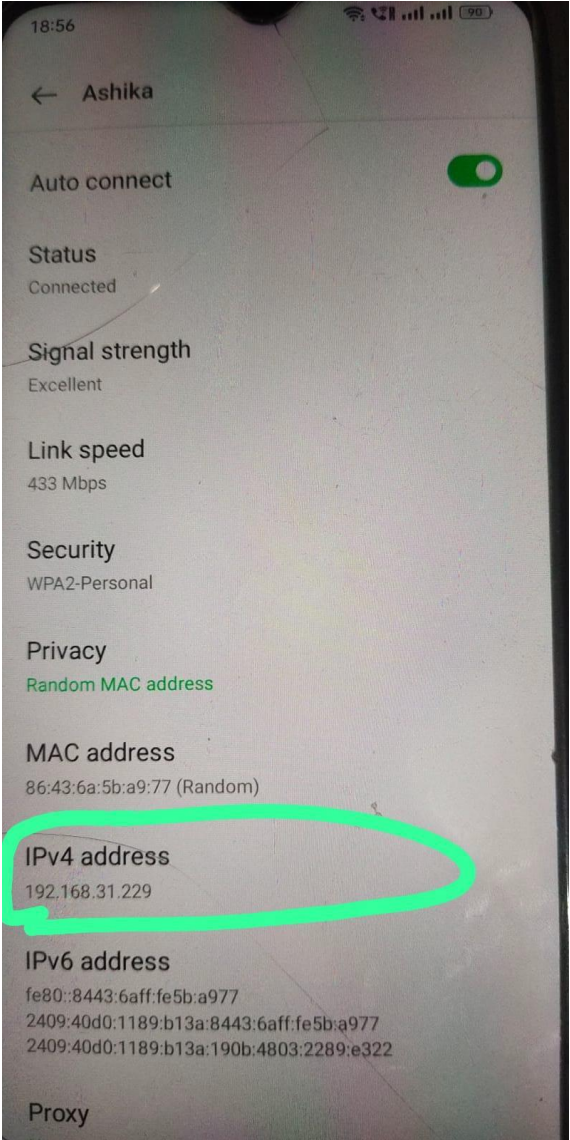
SECURITY

ASHIKA
BCA1 EA
614

Q1. SCAN LOCAL NETWORK



Q2. IP ADDRESS OF DIFFERENT DEVICES



Q3. MAC ADDRESS

Wi-Fi MAC address

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

Bluetooth address

Unavailable

Legal information

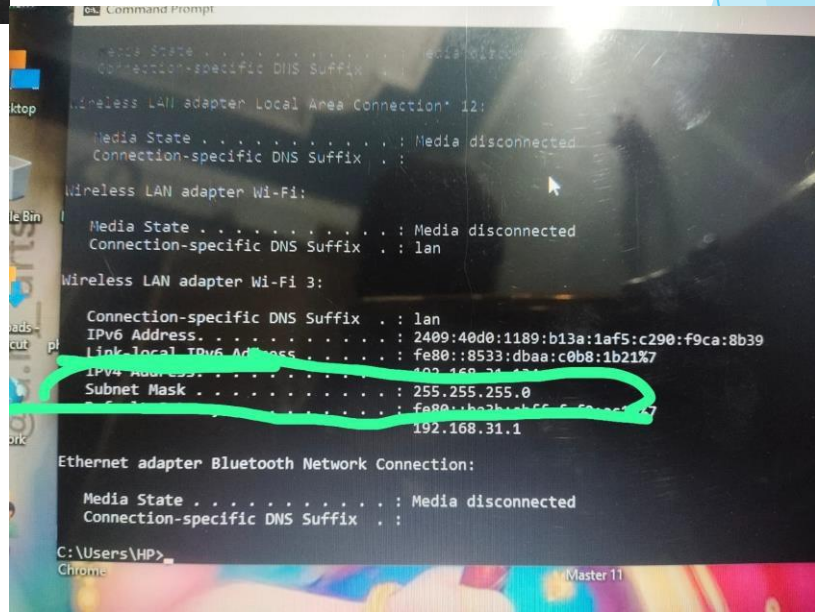
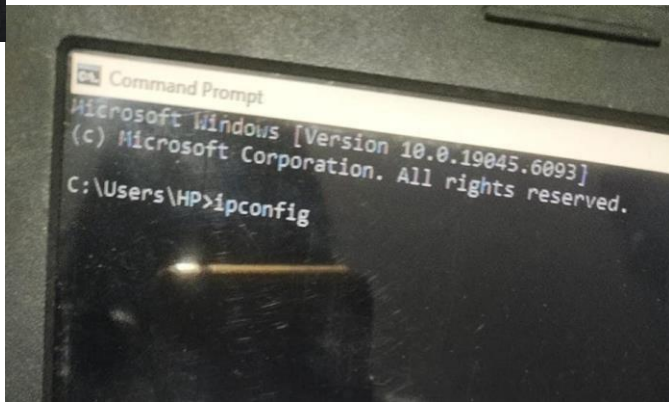
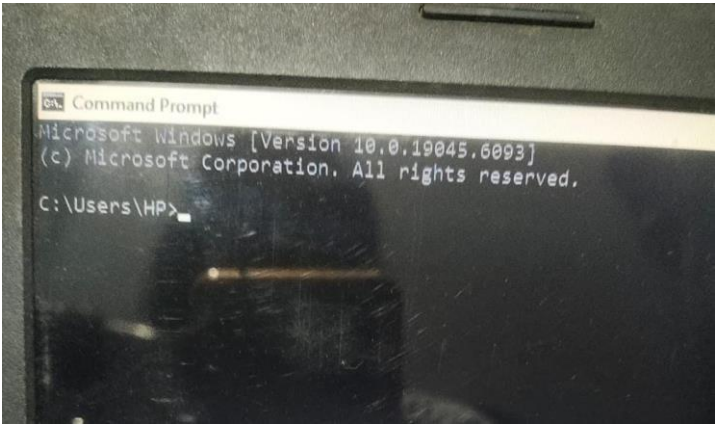


Q4. SUBNET MASK

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 command prompt in PC .
2. Then I type ipconfig.
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