EXPERIMENT--03

Aim:

To capture and analyse network packets using Wireshark and extract login credentials transmitted via insecure protocols.

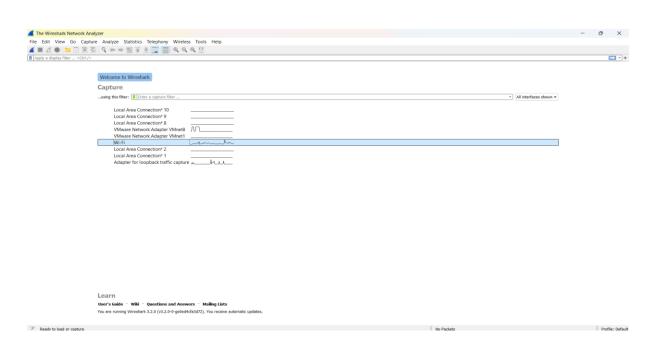
Tools Used:

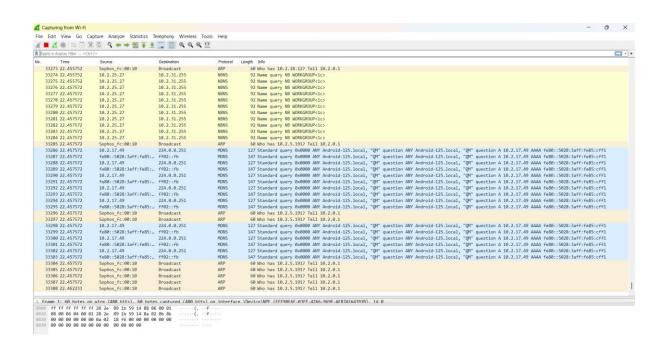
- Wireshark
- Windows/Linux system
- Web browser(http://testphp.vulnweb.com/login.php)

Procedure:

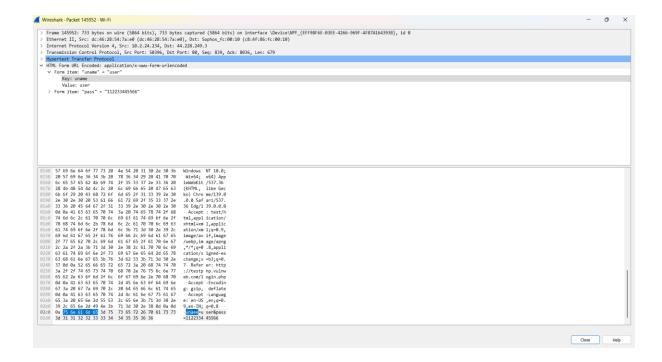
- 1. Open Wireshark and select the active network interface (e.g., Wi-Fi).
- 2. Start packet capturing to record live network traffic.
- 3. Open a website using HTTP protocol and log in with sample credentials.
- 4. Stop the capture after submitting the login form.
- 5. Apply the display filter http to view only HTTP packets.
- 6. Search for requests with GET and POST methods.
- 7. Expand the HTTP packet details to locate form data containing the captured username and password.

Outputs:









Result:

Wireshark successfully captured network packets and revealed the transmitted login credentials from an insecure HTTP website.