Task 3: Networking Basics for Cyber Security – Checklist

1   Installed and launched Wireshark on Kali Linux

2   Captured live network traffic on active interface

3   Applied protocol filters (TCP, DNS, HTTP)

4   Observed TCP three-way handshake

5   Captured and analyzed DNS queries

6   Identified plain-text HTTP traffic

7   Identified encrypted HTTPS traffic

8   Saved packet capture file (.pcapng)

9   Documented observations clearly