Computer Networks Assignment -1

Praneesh R V

CB.SC.U4CYS23036

1. ipconfig /all – Displays complete network configuration details including IP, MAC, DNS, and DHCP info.

2. ipconfig /release – Releases the current IP address assigned by the DHCP server.

3. ipconfig /renew – Requests a new IP address from the DHCP server.

4. ipconfig /flushdns – Clears the locally cached DNS entries.

5. ipconfig /displaydns – Shows all locally stored DNS cache entries.

6. ping -t <IP> – Continuously pings the IP to test connection stability.

7. ping -a <IP> – Resolves the IP address to its hostname.

8. ping -4 google.com – Pings google.com using IPv4 protocol.

9. ping -6 google.com – Pings google.com using IPv6 protocol.

10. ping -n 10 -l 128 8.8.8.8 – Sends 10 pings with 128-byte packets to 8.8.8.8.