**CSE 303: Data Communication and Computer Networks**

**Graded Assignment No 3**

Assignment Date: 19th May, 2025

***Strict Deadline*** ***23rd May 2025 (12 Noon)***, After the Deadline None of the Assignment will be accepted.

**Note: visit the following site** [**https://tryhackme.com/room/whatisnetworking**](https://tryhackme.com/room/whatisnetworking) **and watch the following tutorial at** [**https://www.youtube.com/watch?v=42u\_2e6eNF4**](https://www.youtube.com/watch?v=42u_2e6eNF4)**. After completing the above tasks, answer the following questions and submit before the deadline preferably during the Class.**

1. What is the key term for devices that are connected together?
2. Who invented the World Wide Web?
3. What does the term "IP" stand for?
4. What is each section of an IP address called?
5. How many sections (in digits) does an IPv4 address have?
6. Top of Form
7. What does the term "MAC" stand for?
8. Deploy the interactive lab using the "View Site" button and spoof your MAC address to access the site.  What is the flag?
9. What protocol does ping use?
10. What is the syntax to ping the 10.10.10.10 site?
11. What flag do you get when you ping 8.8.8.8?