**Assignment 2**

**Title: Find sweep IP ranges for live**

**Theory:**

Introduction to Nmap

Its Need/Purpose

Advantages

Disadvantages

Demonstration:

Syntax :nmap <ip address>

Command: nmap 172.16.182.24

Purpose : Syntax for scanning a single IP.

Output:

Syntax :

Command 2:

Purpose :

Output:

Syntax :

Command 3:

Purpose :

Output:

Syntax :

Command 4:

Purpose :

Output:

Syntax :

Command 5:

Purpose :

Output:

Syntax :

Command 6:

Purpose :

Output:

Syntax :

Command 7:

Purpose :

Output:

Syntax :

Command 8:

Purpose :

Output:

Syntax :

Command 9: // command to provide access privileges:

Purpose :

Output:

**Conclusion:**

**FAQs:**

What does "tcpwrapped" mean?

Why does Nmap show some of my ports as "filtered"?

How should Nmap be capitalized?

What is Nmap's license?