

# **Security and Networking with Python (CSE 2157)**

## **MINOR ASSIGNMENT-8**

### **Python NMAP Scanning**

1. Write the Python NMAP script to scan a target.
2. Write the Python NMAP script to perform ping scan on a target.
3. Write the Python NMAP script to perform no ping scan on a target.
4. Write the Python NMAP script to perform scan on specific ports a target.
5. Write the Python NMAP script to perform no ping scan on a target.
6. Write the Python NMAP script to perform scan the most common 100 ports.
7. Write the Python NMAP script to perform scan to identify the services running and their versions.
- 8.** Write the Python NMAP script to perform aggressive scanning.
- 9.** Write the Python NMAP script to determine the operating system of the target host.
10. Write the Python NMAP script to save the results of the nmap scan report in normal format to a text file.
- 11.** Write the Python NMAP script to save the results in all formats.