List of Experiments/Activities with CO Mapping

1. Establishment of a LAN: Preparation of network cables and installation and configuration of network.

2. Perform network commands like NETSTAT, NSLOOKUP, TRACERT, ARP, IPCONFIG and verify their need and usage

3. Develop a program to identify your machine's host name and IP address

4. Develop a program to locate the next hop router's IP address and MAC address

5. Develop a program to find which port is currently used, by scanning the port.

6. Develop a program to obtain local DNS server's host name and IP address and resolve a given host name.

7. Develop a program to illustrate a simple client/server communication and Time server.

8. Develop a program to implement ECHO and PING commands and time server.

9. Develop a program to implement a file transfer using TCP..

10. Develop a program to implement a file transfer using UDP.

11. Develop a program to implement Remote Method Invocation.

12. Simulate a network for the given specification using CISCO Packet tracer