Module Lab 2.1

Subnet Configuration

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| Command | Description |
| **configure terminal** | enters global configuration mode from privileged EXEC mode |
| **enable** | enters privileged EXEC mode |
| **end** | ends and exits configuration mode |
| **exit** | exits one level in the menu structure |
| **interface** *[type - number]*  i.e. fastethernet 0/0 | changes from global configuration mode to interface configuration mode |
| **ip address** *[ip-address subnet mask]* | configures a IP address to an interface |
| **ipconfig** | is used in NetSim to display the currently configured IP address, subnet mask, and default gateway on a workstation |
| **ping** *[ip-address]* | sends an Internet Control Message Protocol (ICMP) echo request to the specified address |
| **show cdp neighbors detail** | rdisplays information about directly connected neighborseoots the switch |
| **show interfaces** *[type number]* | displays the interface’s Data Link layer status; when the type and number parameters are included, displays detailed information about the specified interface |
| **show ip interface** | displays IP information for an interface |
| **show ip interface brief** | displays a brief summary of interface status and configuration |
| **show ip protocols** | displays information about active routing protocols |
| **show ip route** | displays the IP routing table |
| **show running-config** | displays the active configuration file |