Commands for Final Exam – Router Configuration

1. To reset the router to begin a new configuration:
   a. **Erase start**
   b. **Reload**
      i. You will be asked questions, one will ask you if you want to enter initial configuration – **answer NO**
      ii. The second question asks if you would like to terminate autoinstall – the answer is **yes** (which will be in brackets, so all you have to do is press **enter**)

2. To enter privilege mode: **enable**

3. To enter global configuration mode: **configure terminal (config t will work)**

4. To set the name of the device: **hostname name you want to give**

5. To set the privilege password: **enable secret mypassword**

6. To set the console line password:
   a. **Line con 0**
   b. **Password mypassword**
   c. Login

7. To set the terminal line password (telnet sessions)
   a. **Line vty 0 4**
   b. **Password mypassword**
   c. Login

8. To set up the Ethernet interfaces:
   a. **Int fa0/0 (this may be e0 or fa0, depending on which router you are using)**
   b. **Ip address 192.168.12.1 255.255.255.0**
   c. **Description describe where this goes (Ex. Link to LAN A, etc.)**
   d. **No shutdown**

9. Login banner
   a. **Banner motd c your warning text here c**
   b. This can span multiple lines…the delimiter “c” may change, depending on the router, you can use help to find out

Troubleshooting commands

1. **Show ip interface br** - shows the status of ALL your links
2. **Show ip route** – shows the routing table (should have ALL connected links here!)
3.