**lab 1 answers**

Answer the following questions:

1. How many Fast Ethernet interfaces does the switch have? **24**
2. **How many Gigabit Ethernet interfaces does the switch have? 2**
3. **What is the range of values shown for the vty lines? 0-15**
4. **Which command will display the current contents of non-volatile random-access memory (NVRAM)? show startup-configuration**
5. **Why does the switch respond with “startup-config is not present?”**

**It displays this message because the configuration file was not saved to NVRAM. Currently it is only located in RAM.**

1. **Why is the login command required? In order for the password checking process to work, it requires both the login and password commands**

