**lab 1 answers**

Answer the following questions:

1. How many Fast Ethernet interfaces does the switch have?

ANS: (**24)**

1. **How many Gigabit Ethernet interfaces does the switch have?**

**ANS: (2)**

1. **What is the range of values shown for the vty lines?**

**ANS: (0-15)**

1. **Which command will display the current contents of non-volatile random-access memory (NVRAM)?**

**ANS:show startup-configuration**

**5. Why does the switch respond with “startup-config is not present?”**

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

**6. Why is the login command required?**

**ANS: In order for the password checking process to work, it requires both the login and password commands**

