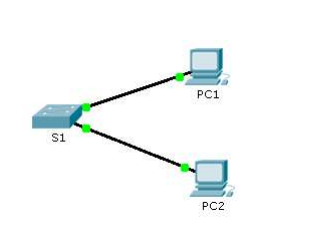
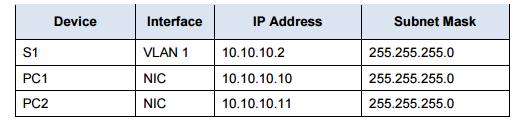
**Topology**



**Addressing table:**



**Scenario**

The network administrator asked you to configure a new switch. In this activity, you will use a list of requirements to configure the new switch with initial settings, SSH, and port security.

**Requirements**

1. **Configure S1 with the following initial settings:**

* Hostname
* Banner that includes the word warning
* Console port login and password ***s1pass1***
* Encrypted enable password of ***s1userx***
* Encrypt plain text passwords
* Management interface addressing

1. **Configure SSH to secure remote access with the following settings:**

* Domain name of lab.com
* RSA key-pair parameters to support SSH version 2
* *Set SSH version 2*
* User admin with secret password labadmin
* VTY lines only accept SSH connections and use local login for authentication

1. **Configure the port security feature to restrict network access:**

* Disable all unused ports.
* Set the interface mode to access.
* Enable port security to allow only two hosts per port.
* Record the MAC address in the running configuration
* Ensure that port violations disable ports.

**Due date : Next Lab .**