**Project 6**

**Manage RHEL 8 Operating system**

**Part 1:**

**Note:**

* **You will need two servers to complete this assignment.**
* **Download rocky.project6.com from project folder**
* **Create student account on your rhel8 and assigned password school1**

Enable SSH to Connect without a Password from the `student` User on `rocky8.project6.com` to the `student` User on `rhel8` that you have on your virtualbox and validate by making sure you can password less with ssh on rhel8.

**Part 2:**

**Login as root user with password school1**

1. Find all the files whose name is **class4.txt** in a current working directory.

**#find . -name class4.txt -type f**

1. Find all the files under **/home** directory with the name **class4.txt**.

**#find /home -name class4.txt -type f**

1. Find all the files whose name is **class4.txt** and contains both capital and small letters in **/home** directory.

**#find /home -iname class4.txt -type f**

1. Find all **php** files whose name is **tecmint.php** in a current working directory.

**#find . -name tecmint.php -type f**

1. Find all the files whose permissions are **777**.

**#find / -type f -perm 777 -print**

1. Find all the **SGID bit** files whose permissions are set to **644**.

**# find / -type f -perm 2644 -print**

1. Find all the **Sticky Bit** set files whose permission is **555**.

**# find / -type f -perm 1555 -print**

1. Find all **777** permission files and use the **chmod** command to set permissions to **644**.

**# find / -type f -perm 777 -print -exec chmod 0644 {} \;**

1. Find all empty files under root home directory

**#find /root -type f -empty**

1. Find all the files which are modified more than **50** days back and less than **100** days.

**#find / -type f -mtime +50 -mtime -100**