

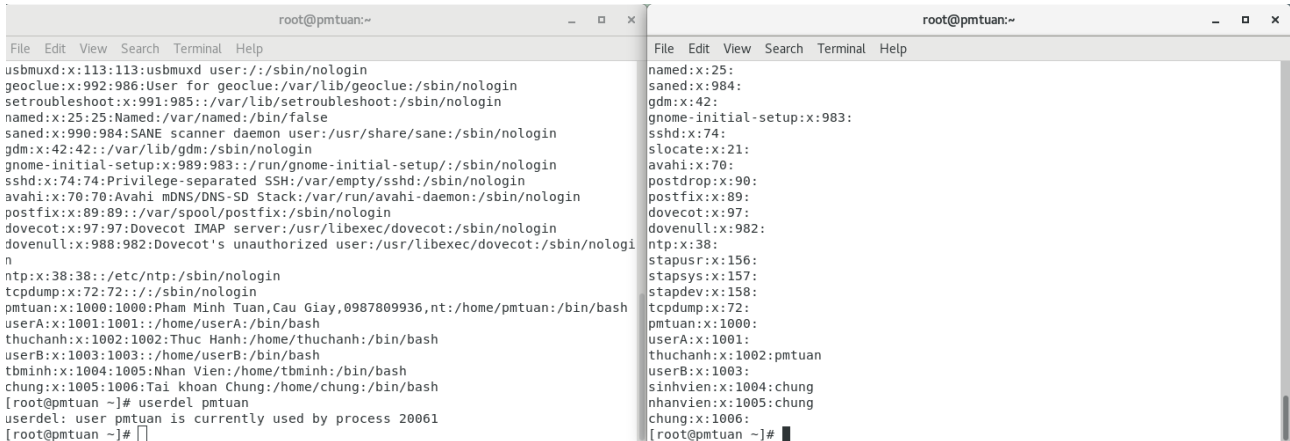
# LAB 2

## Bài 1:

```
#includedir /etc/sudoers.d
[root@pmtuan ~]# cat /etc/sudoers | grep vien
%sinhvien ALL=(ALL) ALL
%nhanvien ALL=(ALL) ALL
[root@pmtuan ~]#
```

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## Bài 2:



The image shows two terminal windows side-by-side. The left window, titled 'root@pmtuan:~', displays the output of 'cat /etc/sudoers | grep vien', showing permissions for 'sinhvien' and 'nhanvien'. The right window, titled 'root@pmtuan:~', shows a list of system users and their permissions, including 'named', 'saned', 'gdm', 'gnome-initial-setup', 'sshd', 'slocate', 'avahi', 'postdrop', 'postfix', 'dovecot', 'dovnull', 'ntp', 'stapusr', 'stapdev', 'tcpdump', 'pmtuan', 'userA', 'thuchanh', 'userB', 'tbminh', 'chung', 'sinhvien', 'nhanvien', and 'chung'.

```
[pmtuan@pmtuan ~]$ ll /home/pmtuan
total 4
drwxrwxr-x. 2 pmtuan sinhvien 21 Jan 16 09:43 Document
-rw-r--r--. 1 pmtuan sinhvien 40 Jan 16 09:27 tam
[pmtuan@pmtuan ~]$
```

```
[pmtuan@pmtuan ~]$ ll /home/pmtuan/Document/
total 4
-rw-rw-r--. 1 pmtuan sinhvien 32 Jan 16 10:00 doc.txt
[pmtuan@pmtuan ~]$
```

```
[pmtuan@pmtuan ~]$ tail -2 Document/doc.txt
UTC
For study[pmtuan@pm
[pmtuan@pmtuan ~]$
```

```
[pmtuan@pmtuan ~]$ cat > Document/doc.txt < tam
[pmtuan@pmtuan ~]$ tail -2 Document/doc.txt
```

```
This is been modified!
[pmtuan@pmtuan ~]$
```

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```
[chung@pmtuan home]$ sudo cat /home/pmtuan/Document/doc.txt
This is my file

This is been modified by chung
[chung@pmtuan home]$ █
```

chung@pmtuan:/home/pmtuan/Document	tbminh@pmtuan:~
<pre>File Edit View Search Terminal Help [root@pmtuan home]# visudo visudo: /etc/sudoers.tmp unchanged [root@pmtuan home]# su - tbminh Last login: Fri Jan 16 09:45:06 EST 2026 on pts/0 [tbminh@pmtuan ~]\$ sudo cat /home/pmtuan/Document/doc.txt [sudo] password for tbminh: Sorry, user tbminh is not allowed to execute '/bin/cat /home/pmtuan/Document/doc.txt' as root on pmtuan. [tbminh@pmtuan ~]\$ cat /home/pmtuan/Document/doc.txt cat: /home/pmtuan/Document/doc.txt: Permission denied [tbminh@pmtuan ~]\$ su - chung Password: Last login: Fri Jan 16 09:35:24 EST 2026 on pts/0 [chung@pmtuan ~]\$ cd /home/pmtuan/Document -bash: cd: /home/pmtuan/Document: Permission denied [chung@pmtuan ~]\$ cd /home/pmtuan/Document -bash: cd: /home/pmtuan/Document: Permission denied [chung@pmtuan ~]\$ cd /home/pmtuan/Document [chung@pmtuan Document]\$ ls -l total 4 -rw-rw-r--. 1 pmtuan sinhvien 48 Jan 16 09:43 doc.txt [chung@pmtuan Document]\$ vi doc.txt [chung@pmtuan Document]\$ echo "This file was modified by Chung" &gt; doc.txt [chung@pmtuan Document]\$ cat []</pre>	<pre>File Edit View Search Terminal Help [pmtuan@pmtuan ~]\$ su - tbminh Password: Last login: Fri Jan 16 09:50:33 EST 2026 on pts/0 [tbminh@pmtuan ~]\$ cat /home/pmtuan/Document/doc.txt This file was modified by Chung [tbminh@pmtuan ~]\$ echo "Tbminh da sua file nay &gt; /home/pmtuan/Document/doc.txt" &gt; ^C [tbminh@pmtuan ~]\$ echo "Tbminh da sua file nay" &gt; /home/pmtuan/Document/doc.txt -bash: /home/pmtuan/Document/doc.txt: Permission denied [tbminh@pmtuan ~]\$ █</pre>