

# **PRAKTIKUM SISTEM OPERASI**

## **Modul 7 : Manajemen User dan Permission direktori/file pada Linux**



**ANNISA DWI PRASTIKA**

**L200210218**

**PRODI TEKNIK INFORMATIKA FAKULTAS KOMUNIKASI DAN INFORMATIKA**

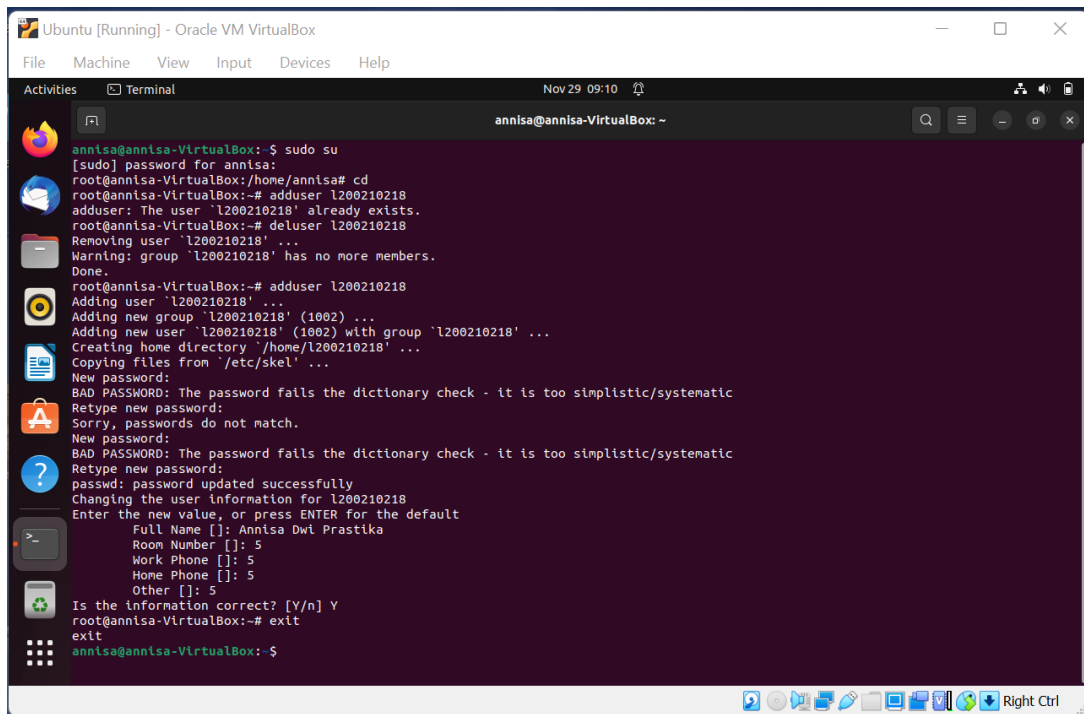
NIM : L200210218	(Diisi oleh asisten)
Nama : Annisa Dwi Prastika	
Kelas : E	Tanda Tangan :
Dosen Penganpu : Heru Setiya Nugraha, ST, M.Kom	
Tanggal Praktikum : 29 November 2022	
Mata Kuliah : Praktikum Sistem Operasi	

## PRAKTIKUM 1

Soal :

1. Buat user baru: # useradd user<nim anda>
2. Masukkan pasword yang diminta sebanyak dua kali:  
Enter new UNIX password:  
Retype new UNIX password:
3. Jika sudah berhasil akan muncul pesan  
passwd: password updated successfully  
Dilanjutkan dengan memasukkan user information untuk user yang anda buat, masukkanlah data-data yang diminta.  
Contoh tampilan:  
Changing the user information for user Enter the new value, or press ENTER for the default  
Full Name []:  
Room Number []:  
Work Phone []:  
Home Phone []:  
Other []:  
Is the information correct? [Y/n] Y  
Masukkanlah data-data anda.
4. Keluarlah dari shell dengan mengetikkan exit kemudian tutup jendela shell
5. Keluarlah dari gnome dengan mengklik tombol Log Out
6. Setelah masuk ke jendela login, cobalah untuk masukk menggunakan user dan pasword yang baru saja anda buat.

Jawaban :



```
annisa@annisa-VirtualBox:~$ sudo su
[sudo] password for annisa:
root@annisa-VirtualBox:/home/annisa# cd
root@annisa-VirtualBox:~# adduser l200210218
adduser: The user `l200210218' already exists.
root@annisa-VirtualBox:~# deluser l200210218
Removing user `l200210218' ...
Warning: group `l200210218' has no more members.
Done.
root@annisa-VirtualBox:~# adduser l200210218
Adding user `l200210218' ...
Adding new group `l200210218' (1002) ...
Adding new user `l200210218' (1002) with group `l200210218' ...
Creating home directory `/home/l200210218' ...
Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic
Retype new password:
Sorry, passwords do not match.
New password:
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic
Retype new password:
passwd: password updated successfully
Changing the user information for l200210218
Enter the new value, or press ENTER for the default
  Full Name []: Annisa Dwi Prastika
    Room Number []: 5
    Work Phone []: 5
    Home Phone []: 5
      Other []: 5
Is the information correct? [Y/n] Y
root@annisa-VirtualBox:~# exit
exit
annisa@annisa-VirtualBox:~$
```

## PRAKTIKUM 2

Soal :

1. Buat file latihan : `$ touch latihan`
2. Ketikkan perintah : `$ chmod 666 latihan`
3. Lihat hasilnya dengan : `$ ls -l` (perhatikan izin aksesnya)
4. Ketikkan perintah : `$ chmod 640 latihan`
5. Lihat hasilnya dengan : `$ ls -l` (perhatikan izin aksesnya)
6. Ketikkan perintah : `$ chmod 111 latihan`
7. Lihat hasilnya dengan : `$ ls -l` (perhatikan izin aksesnya)
8. Ketikkan perintah : `$ chmod 222 latihan`
9. Lihat hasilnya dengan : `$ ls -l` (perhatikan izin aksesnya)
10. Ketikkan perintah : `$ chmod 333 latihan`

Jawaban :

```
Activities Terminal Nov 29 09:17
l200210218@annisa-VirtualBox: ~
[sudo] password for l200210218:
l200210218 is not in the sudoers file. This incident will be reported.
l200210218@annisa-VirtualBox:~$ sudo su
[sudo] password for l200210218:
l200210218 is not in the sudoers file. This incident will be reported.
l200210218@annisa-VirtualBox:~$ touch latihan
l200210218@annisa-VirtualBox:~$ chmod 666 latihan
l200210218@annisa-VirtualBox:~$ ls -l
Command 'ls-' not found, did you mean:
  command 'lsd' from snap lsd (0.16.0)
  command 'lsw' from deb suckless-tools (46-1)
  command 'lsc' from deb livescript (1.6.1+dfsg-2)
  command 'ls' from deb coreutils (8.32-4.1ubuntu1)
  command 'lsh' from deb lsh-client (2.1-13)
  command 'lsm' from deb lsm (1.0.4-2)
See 'snap info <snapname>' for additional versions.
l200210218@annisa-VirtualBox:~$ ls -l
total 36
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Desktop
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Documents
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Downloads
-rw-rw-rw- 1 l200210218 l200210218 0 Nov 29 09:15 latihan
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Music
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Pictures
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Public
drwx----- 3 l200210218 l200210218 4096 Nov 29 09:11 snap
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Templates
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Videos
l200210218@annisa-VirtualBox:~$
```

```
Activities Terminal Nov 29 09:20
l200210218@annisa-VirtualBox: ~
Try 'chmod --help' for more information.
l200210218@annisa-VirtualBox:~$ chmod 111 latihan
l200210218@annisa-VirtualBox:~$ ls -l
total 36
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Desktop
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Documents
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Downloads
---x---x--- 1 l200210218 l200210218 0 Nov 29 09:15 latihan
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Music
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Pictures
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Public
drwx----- 3 l200210218 l200210218 4096 Nov 29 09:11 snap
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Templates
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Videos
l200210218@annisa-VirtualBox:~$ chmod 222 latihan
l200210218@annisa-VirtualBox:~$ ls -l
total 36
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Desktop
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Documents
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Downloads
--w--w--w- 1 l200210218 l200210218 0 Nov 29 09:15 latihan
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Music
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Pictures
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Public
drwx----- 3 l200210218 l200210218 4096 Nov 29 09:11 snap
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Templates
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Videos
l200210218@annisa-VirtualBox:~$ chmod 333 latihan
l200210218@annisa-VirtualBox:~$
```

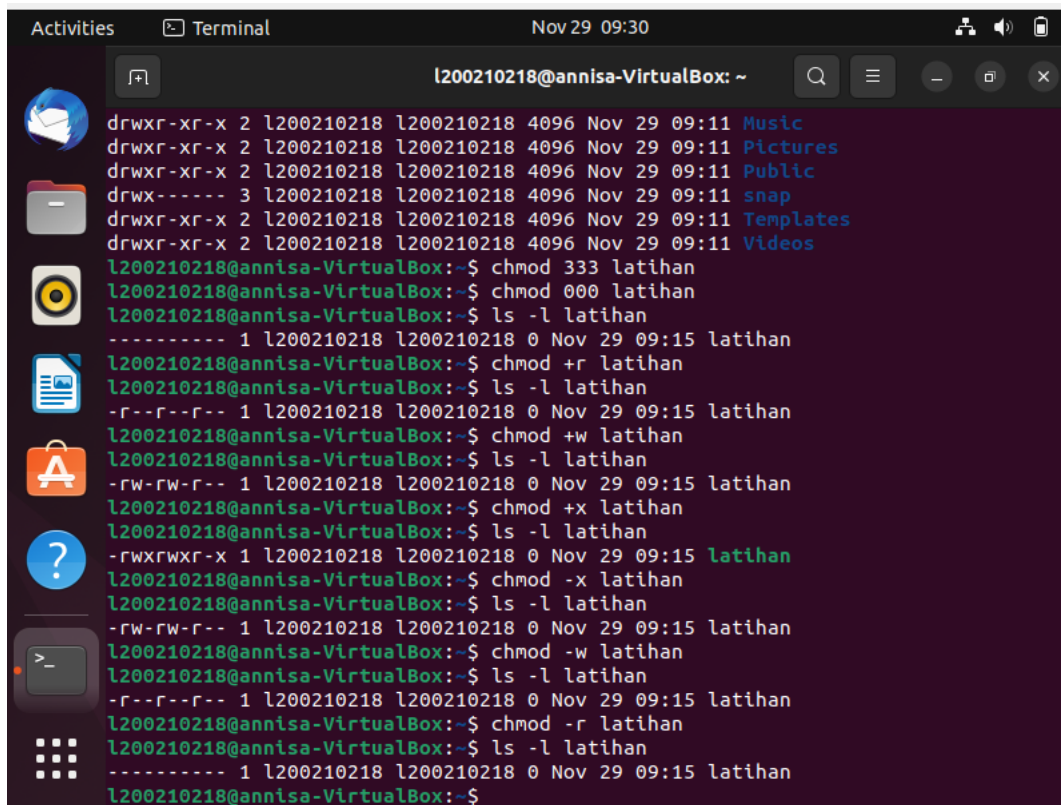
### PRAKTIKUM 3

Soal :

1. \$ chmod 000 latihan (tidak memberikan hak akses)

2. \$ ls -l latihan
3. \$ chmod +r latihan (menambahkan hak akses read)
4. \$ ls -l latihan
5. \$ chmod +w latihan (menambahkan hak akses write)
6. \$ ls -l latihan
7. \$ chmod +x latihan (menambahkan hak akses execute)
8. \$ ls -l latihan
9. \$ chmod -x latihan (menghilangkan hak akses execute)
10. \$ ls -l latihan
11. \$ chmod -w latihan (menghilangkan hak akses write)
12. \$ ls -l latihan
13. \$ chmod -r latihan (menghilangkan hak akses read)
14. \$ ls -l Latihan

Jawaban :



```

l200210218@annisa-VirtualBox: ~
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Music
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Pictures
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Public
drwx----- 3 l200210218 l200210218 4096 Nov 29 09:11 snap
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Templates
drwxr-xr-x 2 l200210218 l200210218 4096 Nov 29 09:11 Videos
l200210218@annisa-VirtualBox:~$ chmod 333 latihan
l200210218@annisa-VirtualBox:~$ chmod 000 latihan
l200210218@annisa-VirtualBox:~$ ls -l latihan
----- 1 l200210218 l200210218 0 Nov 29 09:15 latihan
l200210218@annisa-VirtualBox:~$ chmod +r latihan
l200210218@annisa-VirtualBox:~$ ls -l latihan
-r--r--r-- 1 l200210218 l200210218 0 Nov 29 09:15 latihan
l200210218@annisa-VirtualBox:~$ chmod +w latihan
l200210218@annisa-VirtualBox:~$ ls -l latihan
-rw-rw-r-- 1 l200210218 l200210218 0 Nov 29 09:15 latihan
l200210218@annisa-VirtualBox:~$ chmod +x latihan
l200210218@annisa-VirtualBox:~$ ls -l latihan
-rwxrwxr-x 1 l200210218 l200210218 0 Nov 29 09:15 latihan
l200210218@annisa-VirtualBox:~$ chmod -x latihan
l200210218@annisa-VirtualBox:~$ ls -l latihan
-rw-rw-r-- 1 l200210218 l200210218 0 Nov 29 09:15 latihan
l200210218@annisa-VirtualBox:~$ chmod -w latihan
l200210218@annisa-VirtualBox:~$ ls -l latihan
-r--r--r-- 1 l200210218 l200210218 0 Nov 29 09:15 latihan
l200210218@annisa-VirtualBox:~$ chmod -r latihan
l200210218@annisa-VirtualBox:~$ ls -l latihan
----- 1 l200210218 l200210218 0 Nov 29 09:15 latihan
l200210218@annisa-VirtualBox:~$

```

## PRAKTIKUM 4

Soal :

1. Masuklah ke dalam direktori /bin : \$ cd /bin
2. Buat file bernama : info.sh : \$ nano <nim anda>.sh

Jawaban :

```
Activities Terminal Des 4 19:19 root@annisa-VirtualBox: /bin
annisa@annisa-VirtualBox:~$ sudo su
[sudo] password for annisa:
root@annisa-VirtualBox:/home/annisa# cd /bin
root@annisa-VirtualBox:/bin# nano L200210218.sh
```

3. Ketik isinya sebagai berikut :  
# !/bin/sh  
WAKTU="Tanggal dan jam saat ini : \c"  
JMLUSER="Jumlah user : \c"  
AKU="Status personal : \c"  
echo -e "\$WAKTU"  
date  
echo -e "\$JMLUSER"  
who | wc -l  
echo -e "\$AKU"  
whoami  
exit 0 4.
4. Simpan dan keluar dengan menekan ctrl+o selanjutnya ctrl+x

Jawaban:

```
Activities Terminal Des 4 19:22 root@annisa-VirtualBox: /bin
GNU nano 6.2 L200210218.sh *
#!/bin/sh
WAKTU="Tanggal dan jam saat ini : \c"
JMLUSER="Jumlah user : \c"
AKU="Status personal : \c"
echo -e "$WAKTU"
date
echo -e "$JMLUSER"
who | wc -l
echo -e "$AKU"
whoami
exit 0
```

5. Ketikkan perintah log info.sh : \$ <nim anda>.sh
6. Ubah tipenya menjadi file yang bisa dieksekusi : \$ chmod 777 <nim anda>.sh
7. Ketikkan perintah info.sh : \$ <nim anda>.sh
8. Apa hasilnya?

Jawaban :

```
Activities Terminal Des 4 19:23 root@annisa-VirtualBox: /bin
annisa@annisa-VirtualBox:~$ sudo su
[sudo] password for annisa:
root@annisa-VirtualBox:/home/annisa# cd /bin
root@annisa-VirtualBox:/bin# nano L200210218.sh
root@annisa-VirtualBox:/bin# L200210218.sh
bash: /usr/bin/L200210218.sh: Permission denied
root@annisa-VirtualBox:/bin# chmod 777 L200210218.sh
root@annisa-VirtualBox:/bin# L200210218.sh
Tanggal dan jam saat ini : Min 04 Des 2022 07:23:17 WIB
Jumlah user : 2
Status personal : root
root@annisa-VirtualBox:/bin#
```