

Nama : Nur Fitria Melani

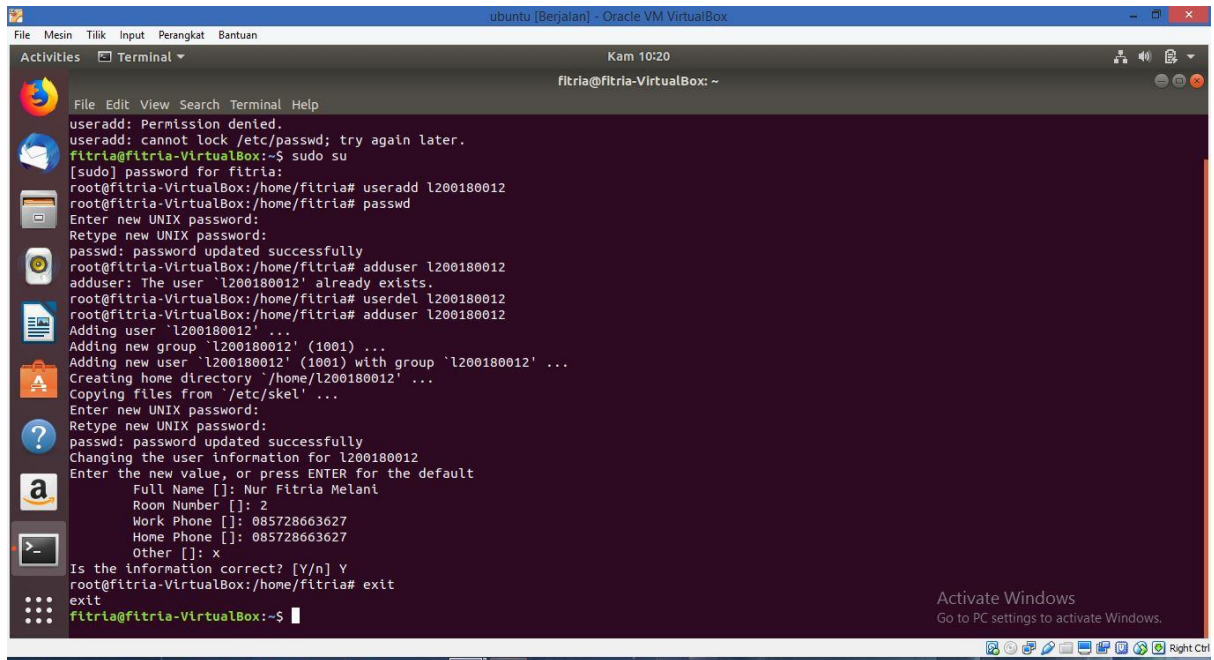
NIM : L200180012

Kelas : A

MODUL 7

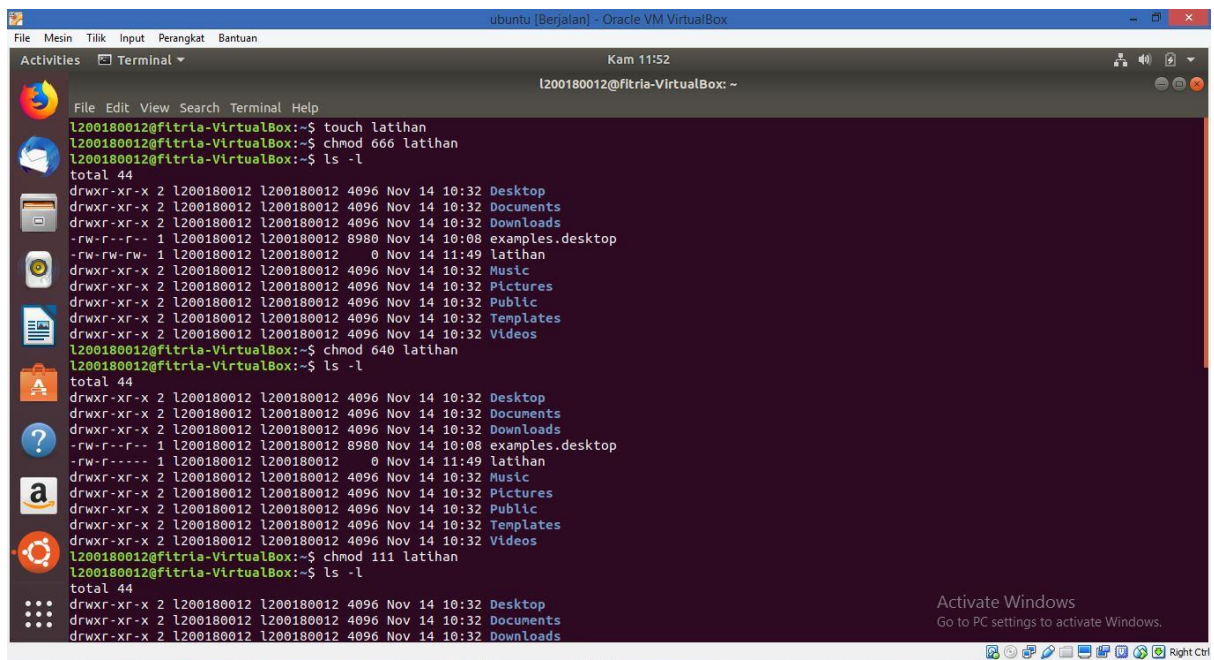
“Managemen User dan Permission Direktori/File pada Linux”

Praktikum 1:



```
ubuntu [Berjalan] - Oracle VM VirtualBox
File Mesin Tilik Input Perangkat Bantuan
Activities Terminal
fitria@fitria-VirtualBox: ~
File Edit View Search Terminal Help
useradd: Permission denied.
useradd: cannot lock /etc/passwd; try again later.
fitria@fitria-VirtualBox:~$ sudo su
[sudo] password for fitria:
root@fitria-VirtualBox:/home/fitria# useradd l200180012
root@fitria-VirtualBox:/home/fitria# passwd
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
root@fitria-VirtualBox:/home/fitria# adduser l200180012
adduser: The user 'l200180012' already exists.
root@fitria-VirtualBox:/home/fitria# userdel l200180012
root@fitria-VirtualBox:/home/fitria# adduser l200180012
Adding user 'l200180012' ...
Adding new group 'l200180012' (1001) ...
Adding new user 'l200180012' (1001) with group 'l200180012' ...
Creating home directory '/home/l200180012' ...
Copying files from '/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Changing the user information for l200180012
Enter the new value, or press ENTER for the default
Full Name []: Nur Fitria Melani
Room Number []: 2
Work Phone []: 085728663627
Home Phone []: 085728663627
Other []: x
Is the information correct? [Y/n] Y
root@fitria-VirtualBox:/home/fitria# exit
exit
fitria@fitria-VirtualBox:~$
```

Praktikum 2:

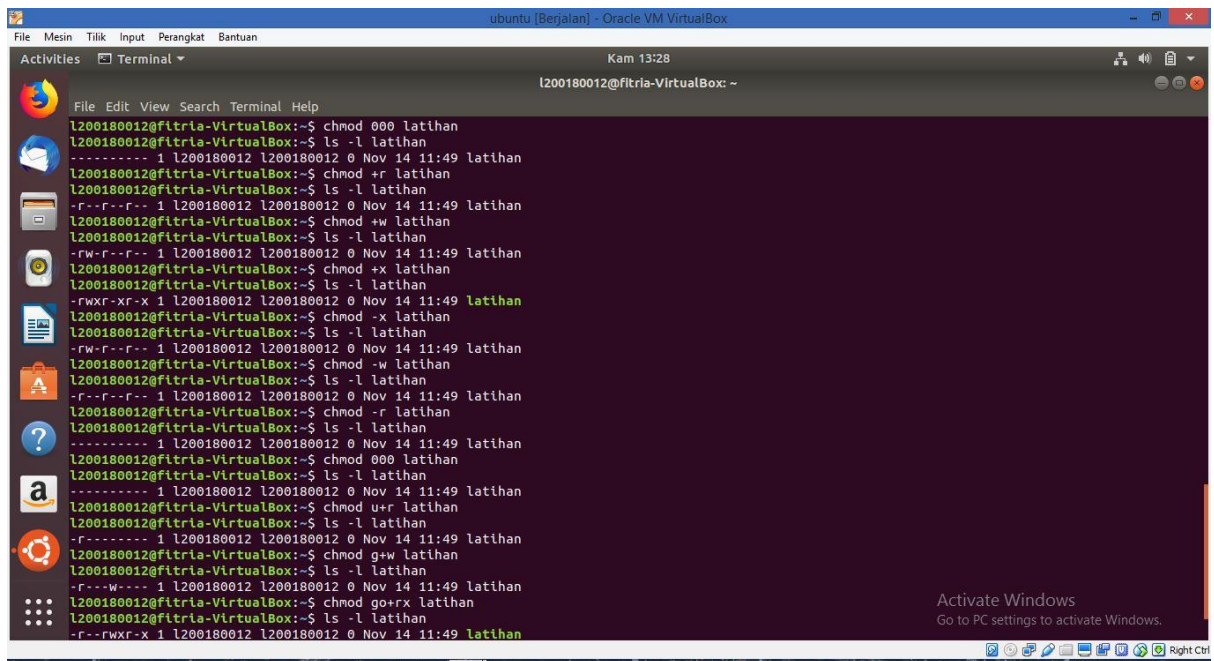


```
ubuntu [Berjalan] - Oracle VM VirtualBox
File Mesin Tilik Input Perangkat Bantuan
Activities Terminal
l200180012@fitria-VirtualBox: ~
File Edit View Search Terminal Help
l200180012@fitria-VirtualBox:~$ touch latihan
l200180012@fitria-VirtualBox:~$ chmod 666 latihan
l200180012@fitria-VirtualBox:~$ ls -l
total 44
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Desktop
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Documents
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Downloads
-rw-r--r-- 1 l200180012 l200180012 8980 Nov 14 10:08 examples.desktop
-rw-rw-rw- 1 l200180012 l200180012 0 Nov 14 11:49 latihan
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Music
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Pictures
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Public
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Templates
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Videos
l200180012@fitria-VirtualBox:~$ chmod 640 latihan
l200180012@fitria-VirtualBox:~$ ls -l
total 44
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Desktop
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Documents
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Downloads
-rw-r--r-- 1 l200180012 l200180012 8980 Nov 14 10:08 examples.desktop
-rw-r----- 1 l200180012 l200180012 0 Nov 14 11:49 latihan
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Music
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Pictures
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Public
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Templates
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Videos
l200180012@fitria-VirtualBox:~$ chmod 111 latihan
l200180012@fitria-VirtualBox:~$ ls -l
total 44
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Desktop
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Documents
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Downloads
```

```
ubuntu [Berjalan] - Oracle VM VirtualBox
File Mesin Tilik Input Perangkat Bantuan
Activities Terminal
Kam 11:54
l200180012@fitria-VirtualBox: ~
File Edit View Search Terminal Help
-rw-r----- 1 l200180012 l200180012 0 Nov 14 11:49 latihan
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Music
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Pictures
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Public
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Templates
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Videos
l200180012@fitria-VirtualBox:~$ chmod 111 latihan
l200180012@fitria-VirtualBox:~$ ls -l
total 44
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Desktop
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Documents
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Downloads
-rw-r--r-- 1 l200180012 l200180012 8980 Nov 14 10:08 examples.desktop
---x--x--x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Music
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Pictures
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Public
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Templates
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Videos
l200180012@fitria-VirtualBox:~$ chmod 222 latihan
l200180012@fitria-VirtualBox:~$ ls -l
total 44
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Desktop
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Documents
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Downloads
-rw-r--r-- 1 l200180012 l200180012 8980 Nov 14 10:08 examples.desktop
--w--w--w 1 l200180012 l200180012 0 Nov 14 11:49 latihan
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Music
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Pictures
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Public
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Templates
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Videos
l200180012@fitria-VirtualBox:~$ chmod 333 latihan
l200180012@fitria-VirtualBox:~$
```

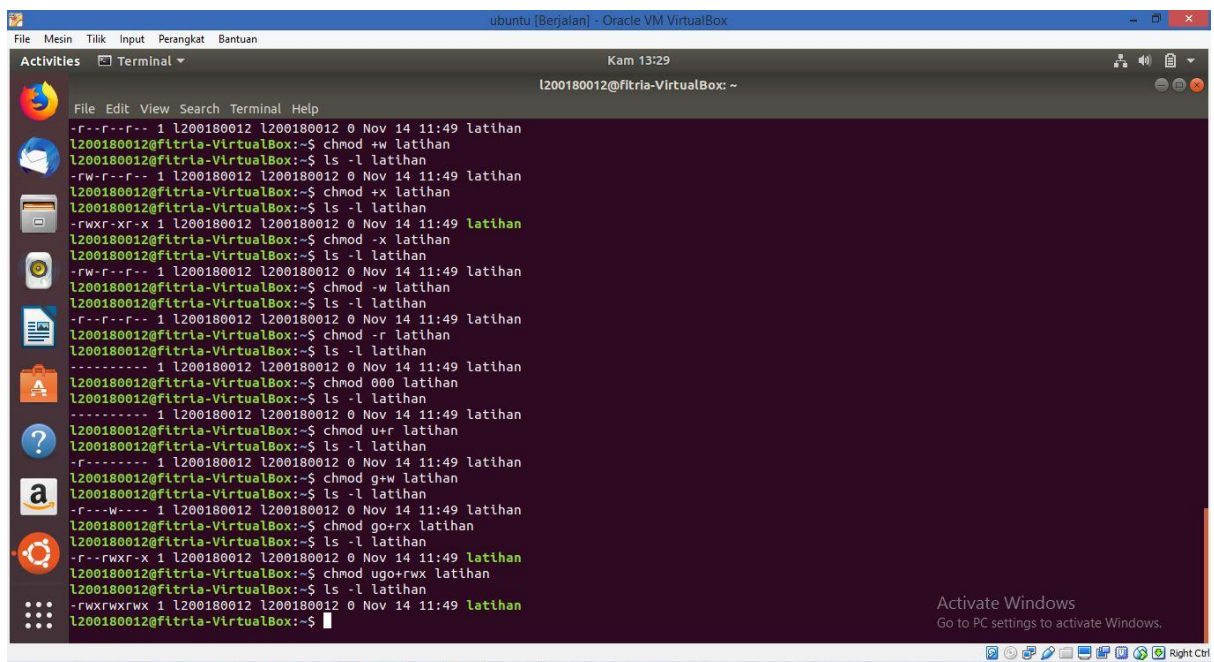
```
ubuntu [Berjalan] - Oracle VM VirtualBox
File Mesin Tilik Input Perangkat Bantuan
Activities Terminal
Kam 11:54
l200180012@fitria-VirtualBox: ~
File Edit View Search Terminal Help
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Music
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Pictures
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Public
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Templates
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Videos
l200180012@fitria-VirtualBox:~$ chmod 222 latihan
l200180012@fitria-VirtualBox:~$ ls -l
total 44
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Desktop
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Documents
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Downloads
-rw-r--r-- 1 l200180012 l200180012 8980 Nov 14 10:08 examples.desktop
--w--w--w 1 l200180012 l200180012 0 Nov 14 11:49 latihan
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Music
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Pictures
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Public
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Templates
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Videos
l200180012@fitria-VirtualBox:~$ chmod 333 latihan
l200180012@fitria-VirtualBox:~$ ls -l
total 44
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Desktop
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Documents
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Downloads
-rw-r--r-- 1 l200180012 l200180012 8980 Nov 14 10:08 examples.desktop
--wx-wx-wx 1 l200180012 l200180012 0 Nov 14 11:49 latihan
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Music
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Pictures
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Public
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Templates
drwxr-xr-x 2 l200180012 l200180012 4096 Nov 14 10:32 Videos
l200180012@fitria-VirtualBox:~$
```

Praktikum 3:



The screenshot shows a terminal window titled 'ubuntu [Berjalan] - Oracle VM VirtualBox'. The terminal output displays the results of the 'ls -l' command for the file 'latihan'. The permissions are shown as '-rwxr-xr-x' and the file is owned by 'l200180012'. The terminal also shows the output of the 'chmod' command, which sets the permissions to '000'. The terminal window has a menu bar with 'File', 'Mesin', 'Tilik', 'Input', 'Perangkat', and 'Bantuan'. The terminal output is as follows:

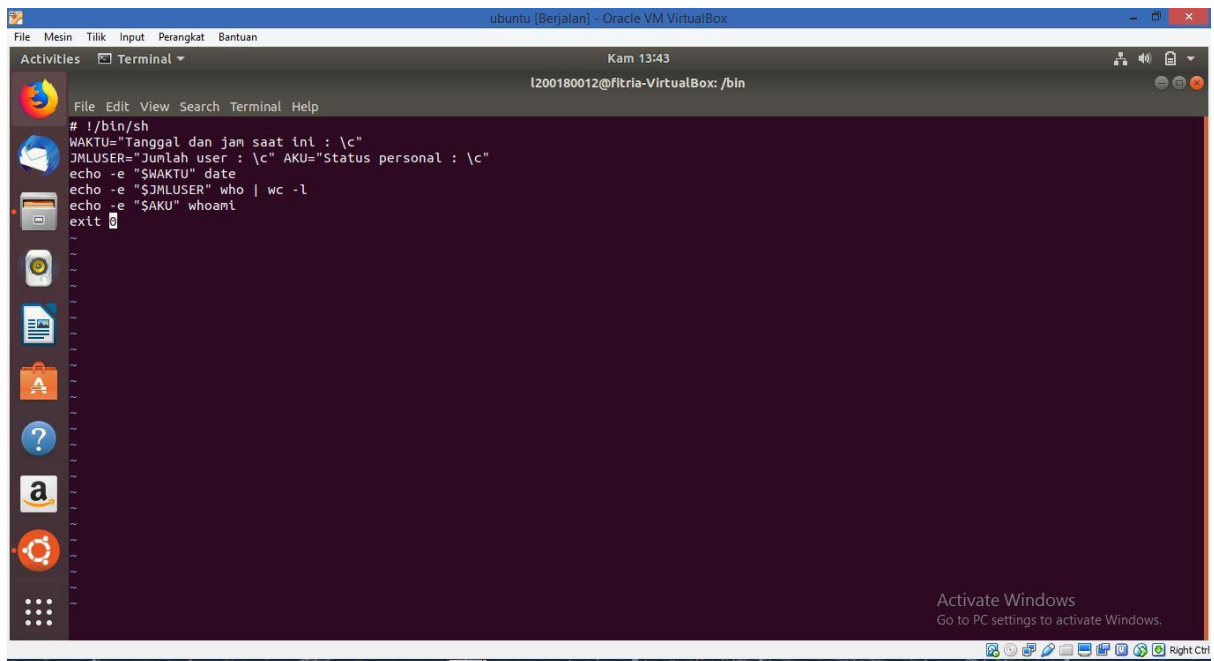
```
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod 000 latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod +r latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod +w latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod +x latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod -x latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod -w latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod -r latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod 000 latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod u+r latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod g+w latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod go+rx latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
```



The screenshot shows a terminal window titled 'ubuntu [Berjalan] - Oracle VM VirtualBox'. The terminal output displays the results of the 'ls -l' command for the file 'latihan'. The permissions are shown as '-rwxr-xr-x' and the file is owned by 'l200180012'. The terminal also shows the output of the 'chmod' command, which sets the permissions to '000'. The terminal window has a menu bar with 'File', 'Mesin', 'Tilik', 'Input', 'Perangkat', and 'Bantuan'. The terminal output is as follows:

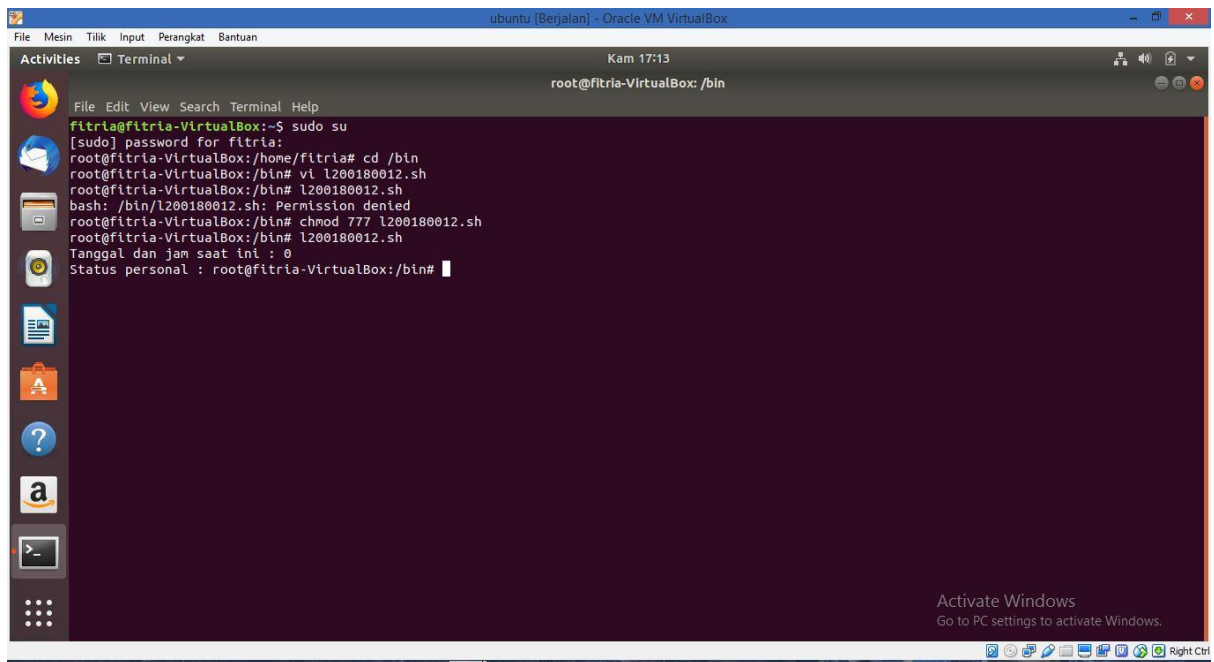
```
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod +w latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod +x latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod -x latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod -w latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod -r latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod 000 latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod u+r latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod g+w latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod go+rx latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
l200180012@fitria-VirtualBox:~$ chmod ugo+rxw latihan
l200180012@fitria-VirtualBox:~$ ls -l latihan
-rwxr-xr-x 1 l200180012 l200180012 0 Nov 14 11:49 latihan
```


Praktikum 4:



The screenshot shows a terminal window titled "ubuntu [Berjalan] - Oracle VM VirtualBox". The terminal prompt is "l200180012@fitria-VirtualBox: /bin". The user has entered the command "# !/bin/sh". The script then executes several commands: "WAKTU=\$(date)" (Note: the image shows a typo in the original text as "Tanggal dan jam saat ini : \c"), "JMLUSER=\$(cat /etc/passwd | wc -l)" (Note: the image shows a typo as "Jumlah user : \c"), "echo -e \"\$WAKTU\" date", "echo -e \"\$JMLUSER\" who | wc -l", "echo -e \"\$SAKU\" whoami", and "exit 0". The terminal output shows the results of these commands. The window also displays a standard Ubuntu desktop environment with a sidebar of application icons and a taskbar at the bottom.

```
File Edit View Search Terminal Help
# !/bin/sh
WAKTU=$(date)
JMLUSER=$(cat /etc/passwd | wc -l)
echo -e "$WAKTU" date
echo -e "$JMLUSER" who | wc -l
echo -e "$SAKU" whoami
exit 0
```



The screenshot shows a terminal window titled "ubuntu [Berjalan] - Oracle VM VirtualBox". The terminal prompt is "root@fitria-VirtualBox: /bin". The user has entered the command "fitria@fitria-VirtualBox:~\$ sudo su". The terminal then shows the prompt "root@fitria-VirtualBox: /home/fitria#". The user enters "cd /bin", and the prompt changes to "root@fitria-VirtualBox: /bin#". The user then enters "vi l200180012.sh", and the terminal shows the command "root@fitria-VirtualBox: /bin# l200180012.sh". The user then enters "bash: /bin/l200180012.sh: Permission denied". The user then enters "chmod 777 l200180012.sh", and the terminal shows the command "root@fitria-VirtualBox: /bin# l200180012.sh". The terminal output shows the results of these commands. The window also displays a standard Ubuntu desktop environment with a sidebar of application icons and a taskbar at the bottom.

```
File Edit View Search Terminal Help
fitria@fitria-VirtualBox:~$ sudo su
[sudo] password for fitria:
root@fitria-VirtualBox: /home/fitria# cd /bin
root@fitria-VirtualBox: /bin# vi l200180012.sh
root@fitria-VirtualBox: /bin# l200180012.sh
bash: /bin/l200180012.sh: Permission denied
root@fitria-VirtualBox: /bin# chmod 777 l200180012.sh
root@fitria-VirtualBox: /bin# l200180012.sh
Tanggal dan jam saat ini : 0
Status personal : root@fitria-VirtualBox: /bin#
```

Praktikum 5:

1. rw- rw- rw- = 6 6 6
2. r-- r-- r-- = 4 4 4
3. r-x r-x r-- = 5 5 4
4. --x --x --x = 1 1 1
5. rwx --- --- = 7 0 0
6. r-x r-- r-- = 5 4 4
7. rwx rwx --- = 7 7 0
8. -w- -w- -w- = 2 2 2
9. r-x rwx rwx = 5 7 7
10. --x --x rwx = 1 1 7