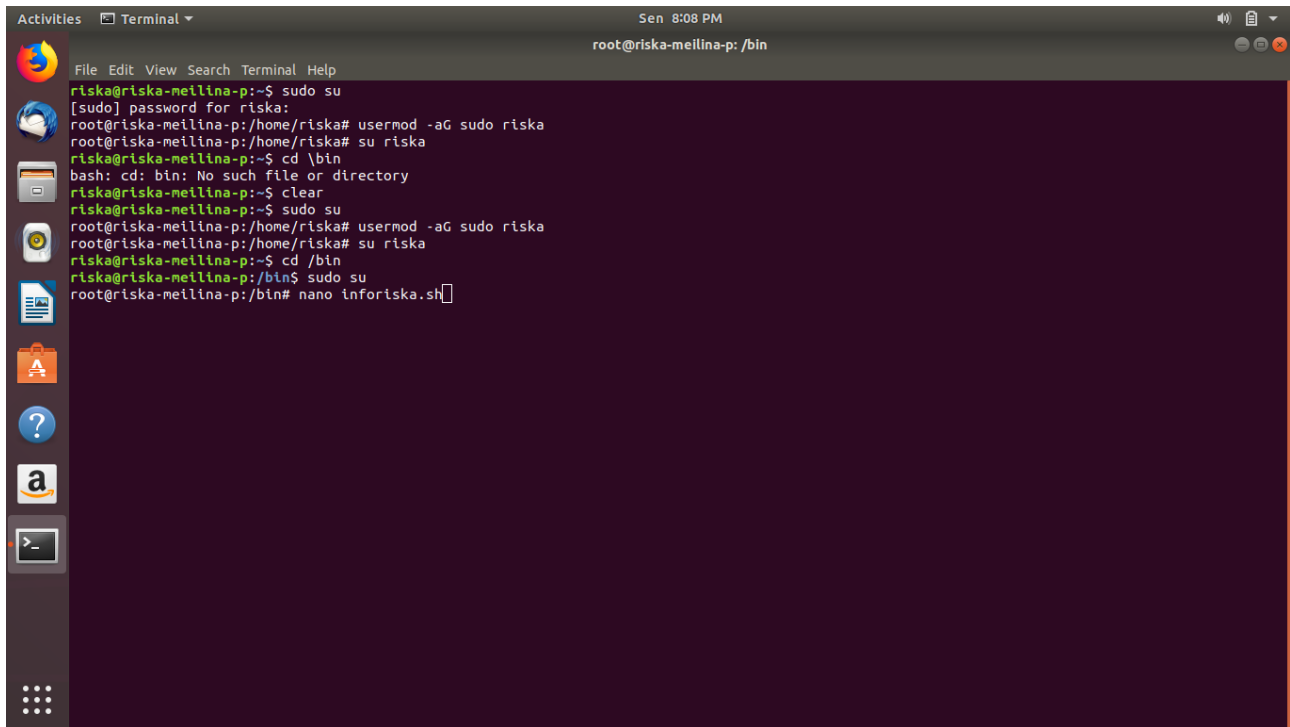
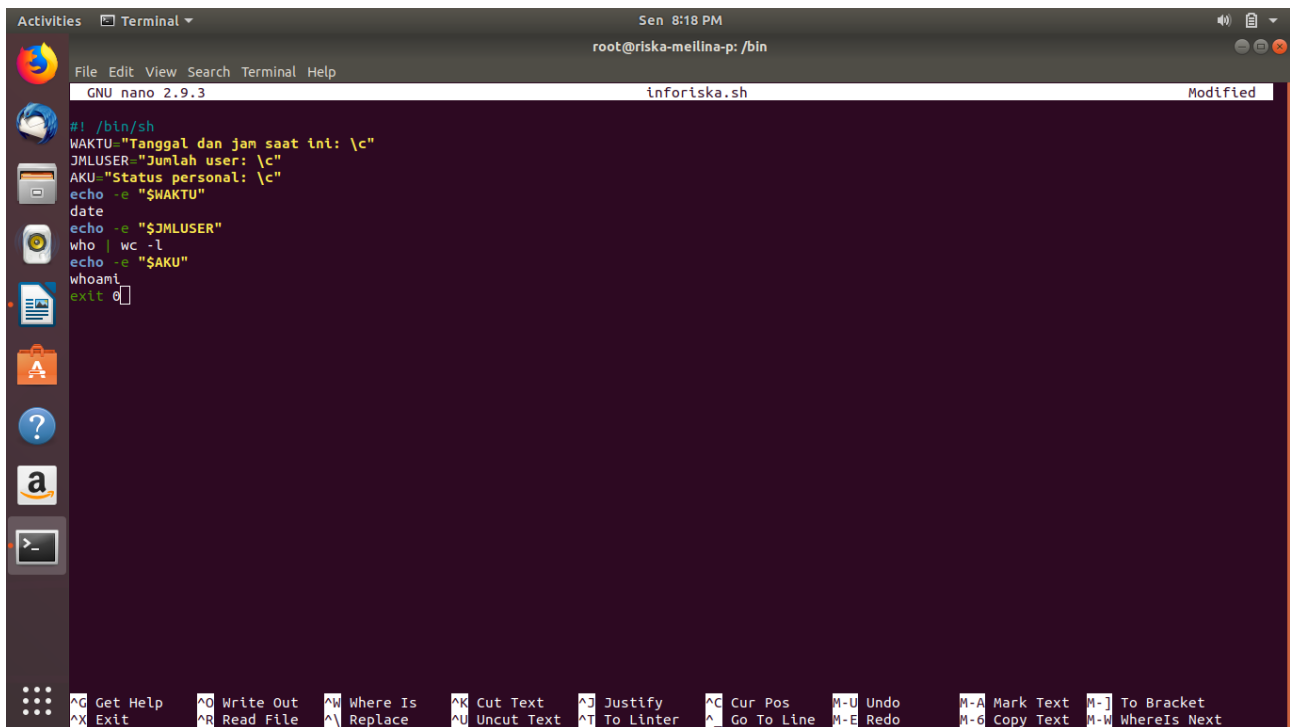


## MODUL 7



A terminal window titled 'Terminal' with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Sen 8:08 PM, root@riska-mellina-p: /bin). The terminal shows a series of commands and their outputs for a user named 'riska' on a system named 'riska-mellina-p'. The user attempts to run 'sudo su', which prompts for a password. After entering the password, the user becomes root. The user then runs 'usermod -aG sudo riska' to add themselves to the sudo group. Next, the user runs 'su riska' to switch back to the riska user. The user then runs 'cd /bin', which results in an error: 'bash: cd: bin: No such file or directory'. The user then runs 'clear' to clear the terminal. Finally, the user runs 'sudo su' again, becomes root, runs 'usermod -aG sudo riska' again, runs 'su riska' to switch back to the riska user, runs 'cd /bin', and finally runs 'sudo su' to become root. The terminal ends with the prompt 'root@riska-mellina-p: /bin# nano inforiska.sh'.

```
riska@riska-mellina-p:~$ sudo su
[sudo] password for riska:
root@riska-mellina-p:/home/riska# usermod -aG sudo riska
root@riska-mellina-p:/home/riska# su riska
riska@riska-mellina-p:~$ cd /bin
bash: cd: bin: No such file or directory
riska@riska-mellina-p:~$ clear
riska@riska-mellina-p:~$ sudo su
root@riska-mellina-p:/home/riska# usermod -aG sudo riska
root@riska-mellina-p:/home/riska# su riska
riska@riska-mellina-p:~$ cd /bin
riska@riska-mellina-p:/bin$ sudo su
root@riska-mellina-p:/bin# nano inforiska.sh
```



A terminal window titled 'Terminal' with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Sen 8:18 PM, root@riska-mellina-p: /bin). The terminal shows the contents of a script named 'inforiska.sh' being edited in the nano text editor. The script is a shell script that sets variables for 'WAKTU' (date and time), 'JMLUSER' (number of users), and 'AKU' (status personal). It then prints these variables and the current date and time. The script ends with 'exit 0'. The terminal shows the script being edited, with the prompt 'GNU nano 2.9.3' and the filename 'inforiska.sh' at the top. The script content is as follows:

```
#!/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
```

The terminal also shows a list of keyboard shortcuts at the bottom:

```

Get Help  Write Out  Where Is  Cut Text  Justify  Cur Pos  Undo  Mark Text  To Bracket
Exit      Read File  Replace  Uncut Text  To Linter  Go To Line  Redo  Copy Text  WhereIs Next
```

```
Activities Terminal Sen 8:29 PM root@riska-mellina-p: /bin
File Edit View Search Terminal Help
riska@riska-mellina-p:~$ sudo su
[sudo] password for riska:
root@riska-mellina-p:/home/riska# usermod -aG sudo riska
root@riska-mellina-p:/home/riska# su riska
riska@riska-mellina-p:~$ cd /bin
bash: cd: bin: No such file or directory
riska@riska-mellina-p:~$ clear
riska@riska-mellina-p:~$ sudo su
root@riska-mellina-p:/home/riska# usermod -aG sudo riska
root@riska-mellina-p:/home/riska# su riska
riska@riska-mellina-p:~$ cd /bin
riska@riska-mellina-p:/bin$ sudo su
root@riska-mellina-p:/bin# nano inforiska.sh
root@riska-mellina-p:/bin# inforiska.sh
bash: /bin/inforiska.sh: Permission denied
root@riska-mellina-p:/bin# chmod 777 inforiska.sh
root@riska-mellina-p:/bin# inforiska.sh
-e Tanggal dan jam saat ini: Sen Nov 18 20:29:44 WIB 2019
-e Jumlah user: 1
-e Status personal: root
root@riska-mellina-p:/bin#
```