

PRAKTIKUM
SISTEM OPERASI
TUGAS 4

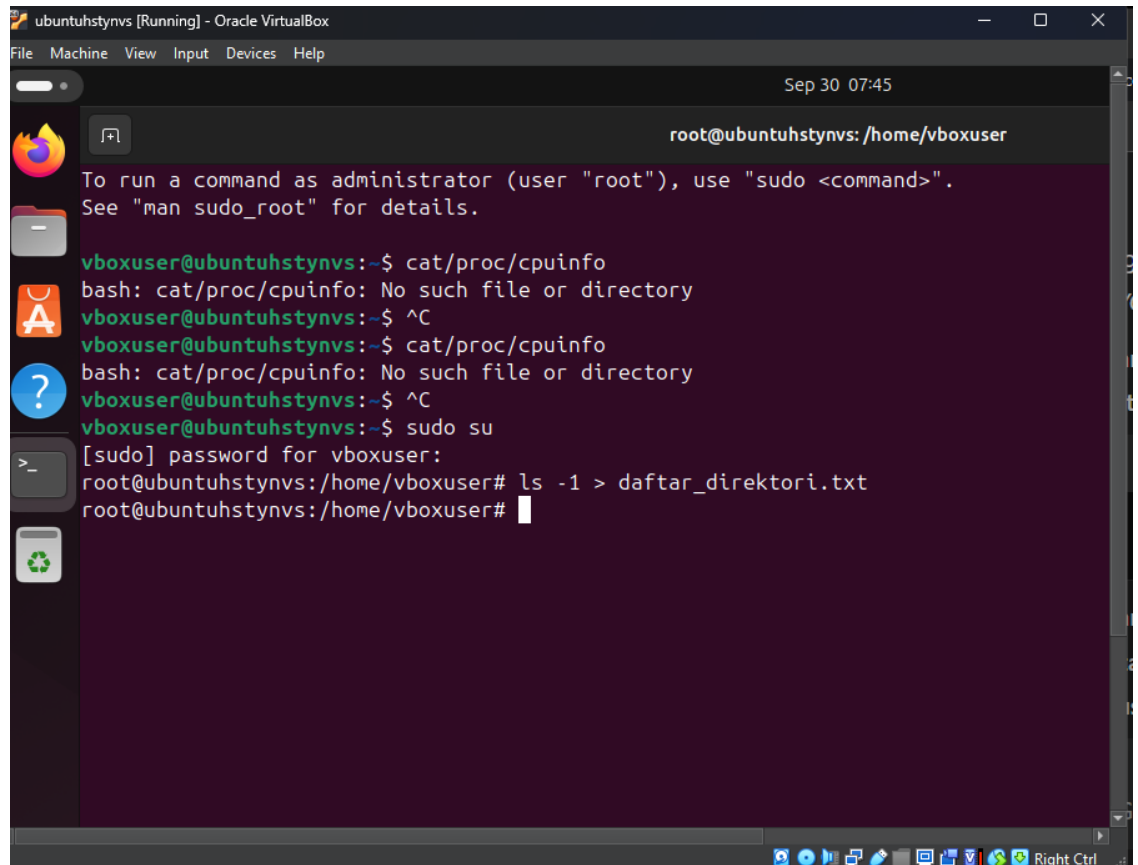


Disusun :

Nama : Hesty Novia Br Sitepu
NIM : 09011382025118
Jurusan : Sistem Komputer
Mata Kuliah : Praktikum Antarmuka dan Peripheral
Dosen Pengampuh : Adi Hermansyah, S.Kom., M.T.

PROGRAM STUDI SISTEM KOMPUTER
FAKULTAS ILMU KOMPUTER
UNIVERSITAS SRIWIJAYA
PALEMBANG
2024/2025

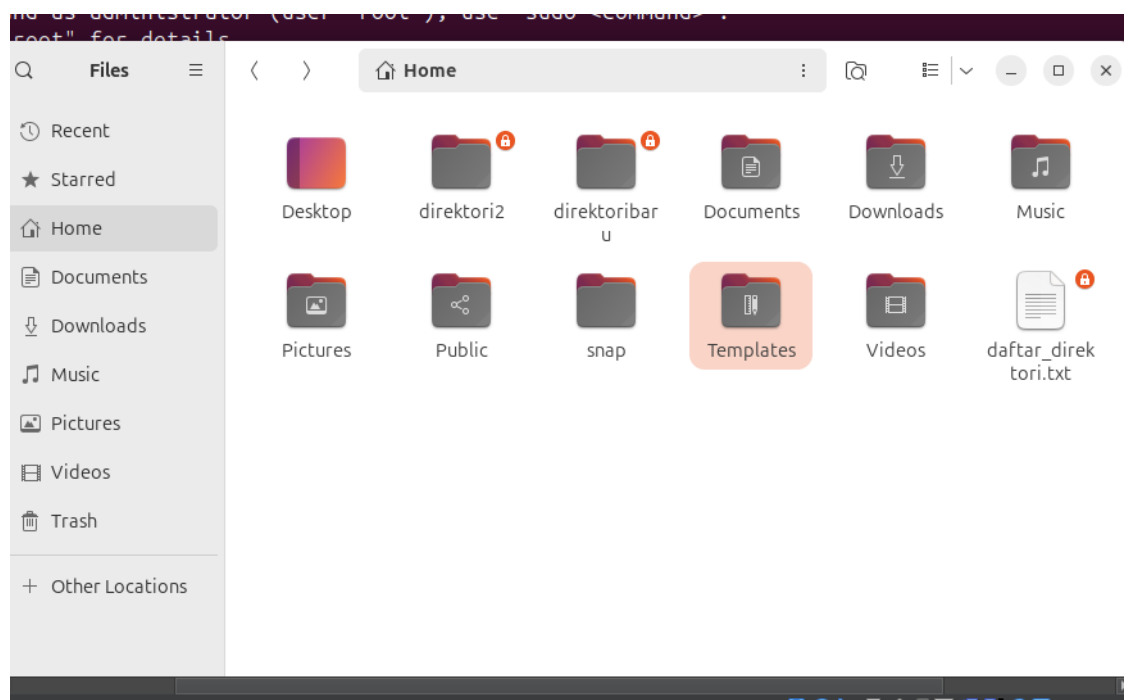
1. Lihat daftar secara lengkap pada direktori aktif, belokkan tampilan standard output ke file baru



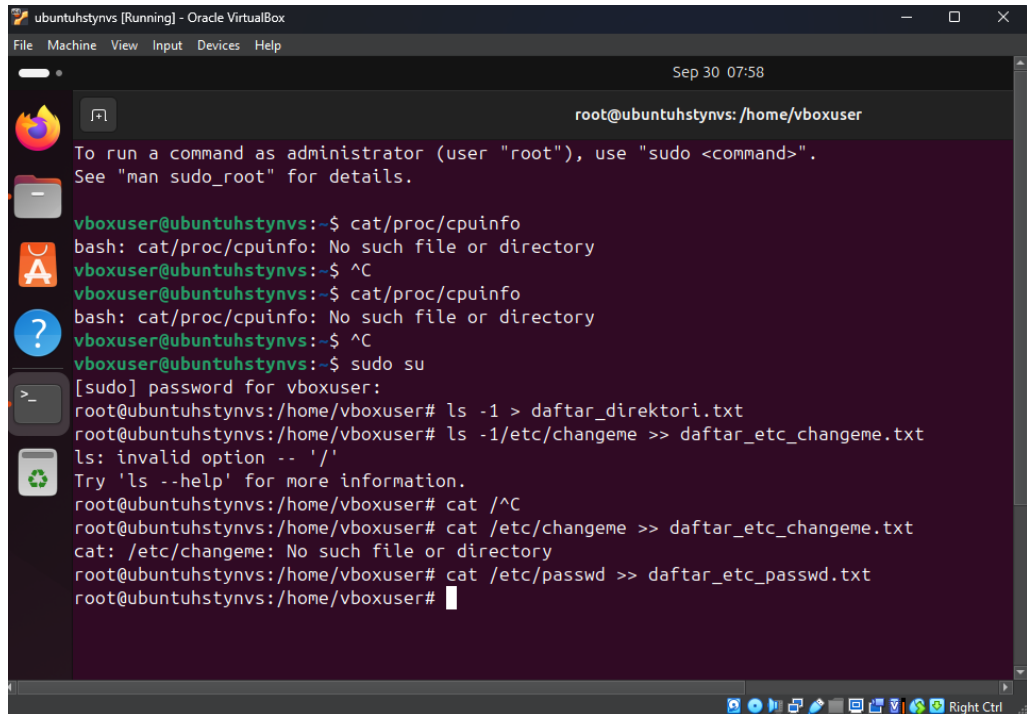
The terminal window shows the following sequence of commands and outputs:

```
root@ubuntuhstynvs: /home/vboxuser
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

vboxuser@ubuntuhstynvs:~$ cat /proc/cpuinfo
bash: cat /proc/cpuinfo: No such file or directory
vboxuser@ubuntuhstynvs:~$ ^C
vboxuser@ubuntuhstynvs:~$ cat /proc/cpuinfo
bash: cat /proc/cpuinfo: No such file or directory
vboxuser@ubuntuhstynvs:~$ ^C
vboxuser@ubuntuhstynvs:~$ sudo su
[sudo] password for vboxuser:
root@ubuntuhstynvs: /home/vboxuser# ls -l > daftar_direktori.txt
root@ubuntuhstynvs: /home/vboxuser#
```



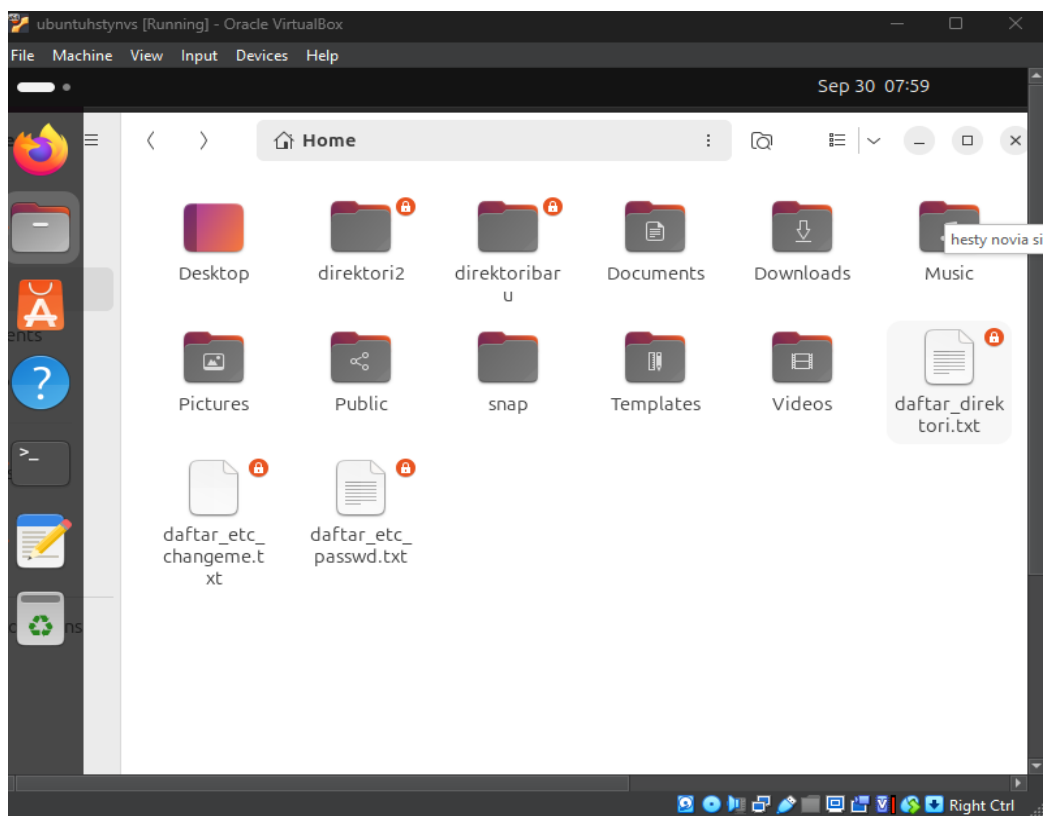
2. Lihat daftar secara lengkap pada direktori /etc/paswd, belokkan tampilan standard output ke file baru tanpa menghapus file baru sebelumnya.



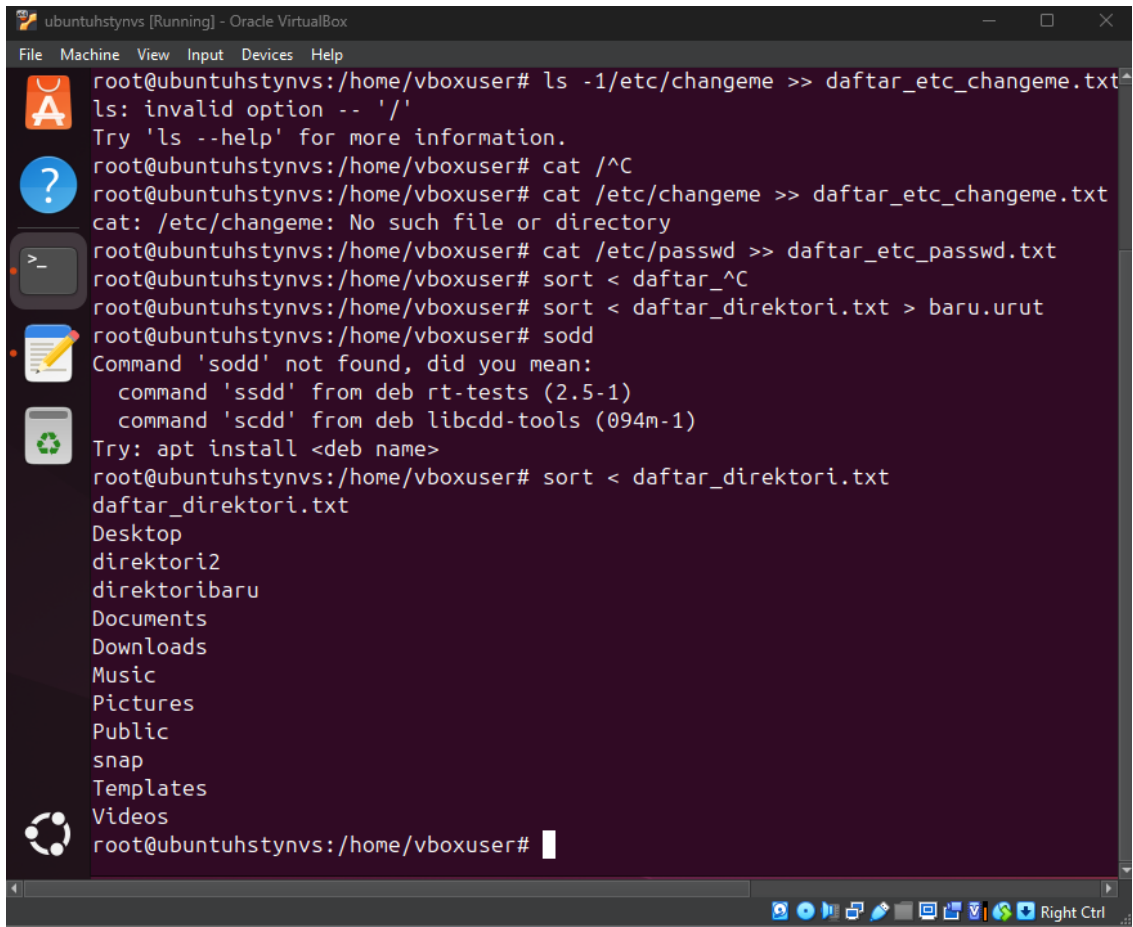
The terminal window shows the following commands and output:

```
root@ubuntuhtstynvs:/home/vboxuser
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

vboxuser@ubuntuhtstynvs:~$ cat /proc/cpuinfo
bash: cat /proc/cpuinfo: No such file or directory
vboxuser@ubuntuhtstynvs:~$ ^C
vboxuser@ubuntuhtstynvs:~$ cat /proc/cpuinfo
bash: cat /proc/cpuinfo: No such file or directory
vboxuser@ubuntuhtstynvs:~$ ^C
vboxuser@ubuntuhtstynvs:~$ sudo su
[sudo] password for vboxuser:
root@ubuntuhtstynvs:/home/vboxuser# ls -1 > daftar_direktori.txt
root@ubuntuhtstynvs:/home/vboxuser# ls -1 /etc/changeme >> daftar_etc_changeme.txt
ls: invalid option -- '/'
Try 'ls --help' for more information.
root@ubuntuhtstynvs:/home/vboxuser# cat /^C
root@ubuntuhtstynvs:/home/vboxuser# cat /etc/changeme >> daftar_etc_changeme.txt
cat: /etc/changeme: No such file or directory
root@ubuntuhtstynvs:/home/vboxuser# cat /etc/passwd >> daftar_etc_passwd.txt
root@ubuntuhtstynvs:/home/vboxuser#
```

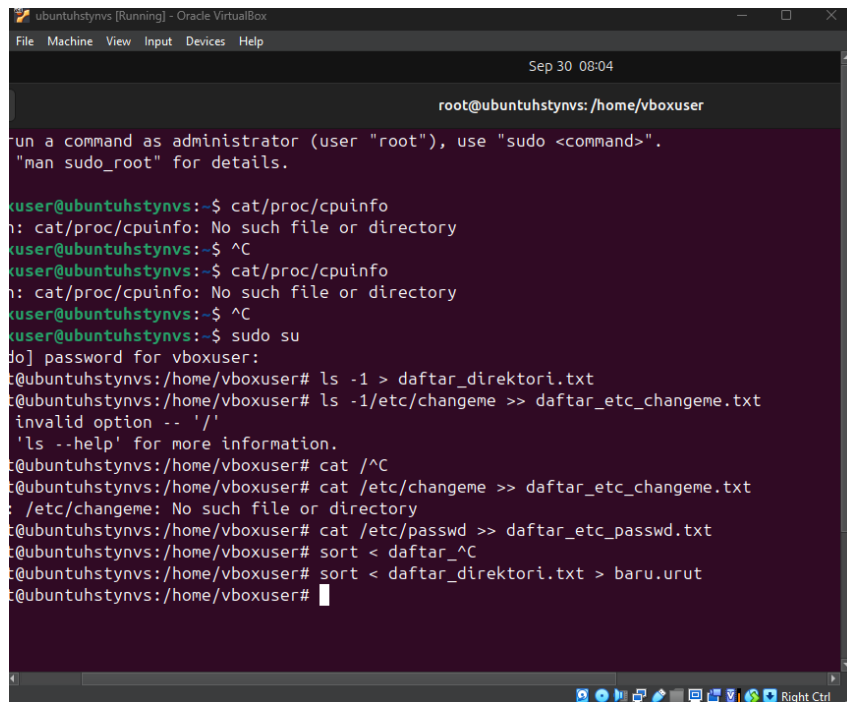


3. Urutkan file baru dengan cara membelokkan standard input.



```
root@ubuntu-stynvs:/home/vboxuser# ls -l/etc/changeme >> daftar_etc_changeme.txt
ls: invalid option -- '/'
Try 'ls --help' for more information.
root@ubuntu-stynvs:/home/vboxuser# cat /etc/passwd >> daftar_etc_passwd.txt
cat: /etc/passwd: No such file or directory
root@ubuntu-stynvs:/home/vboxuser# sort < daftar_direktori.txt > baru.urut
root@ubuntu-stynvs:/home/vboxuser# sodd
Command 'sodd' not found, did you mean:
  command 'ssdd' from deb rt-tests (2.5-1)
  command 'scdd' from deb libcdd-tools (0.94m-1)
Try: apt install <deb name>
root@ubuntu-stynvs:/home/vboxuser# sort < daftar_direktori.txt
daftar_direktori.txt
Desktop
direktori2
direktoribaru
Documents
Downloads
Music
Pictures
Public
snap
Templates
Videos
root@ubuntu-stynvs:/home/vboxuser#
```

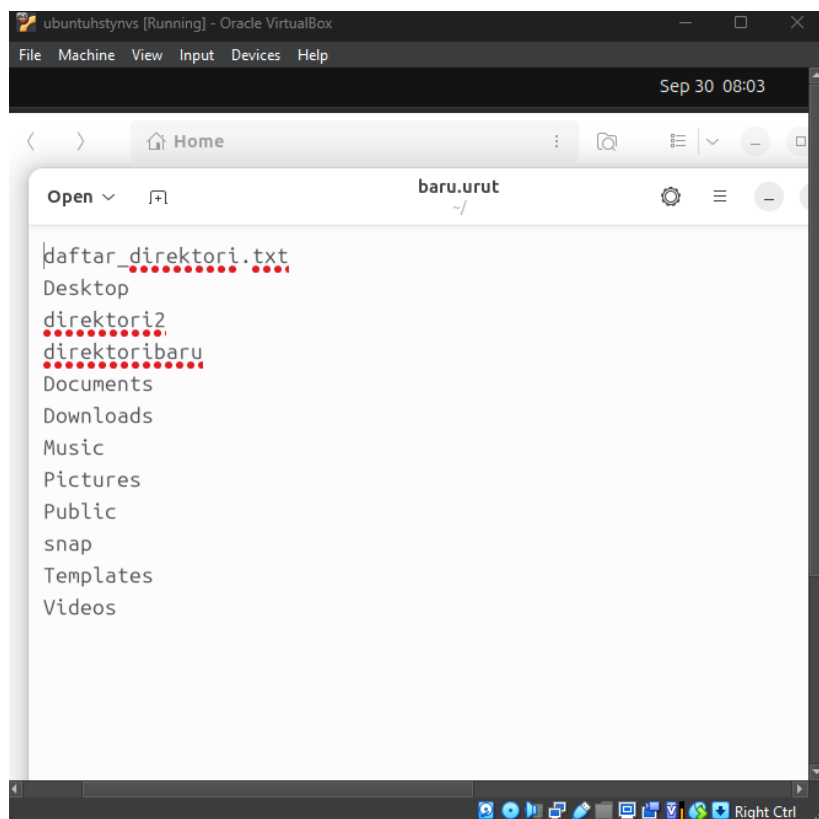
- Urutkan file baru dengan cara membelokkan standard input dan standard output ke file baru.urut.



```
root@ubuntuhstynvs: /home/vboxuser

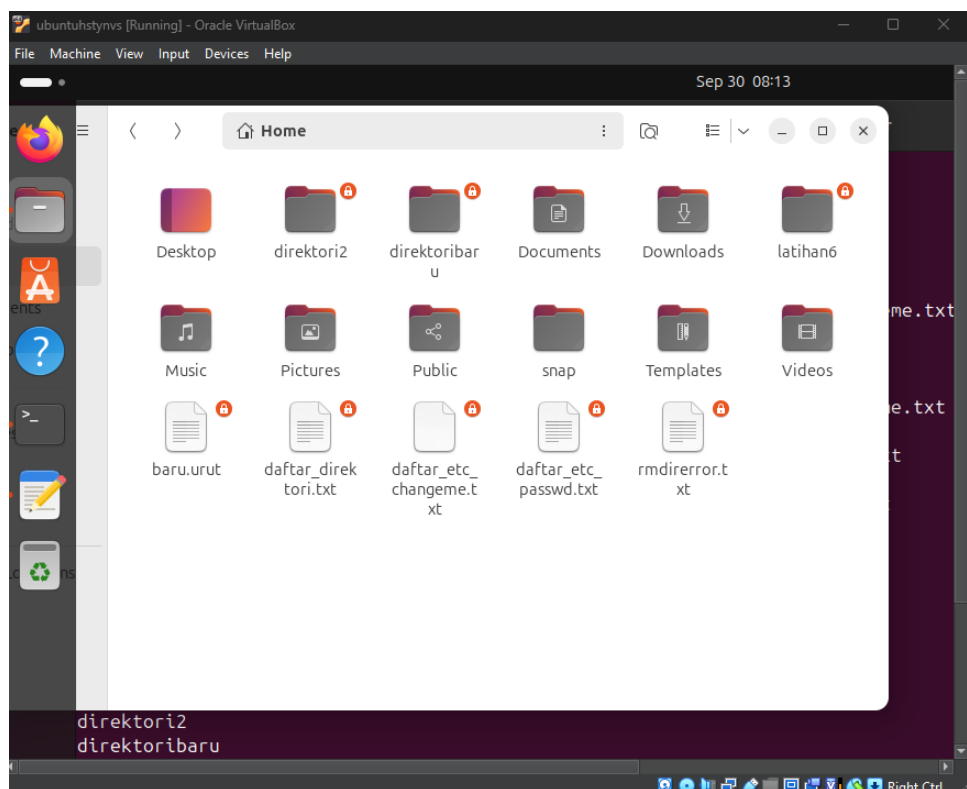
run a command as administrator (user "root"), use "sudo <command>".
"man sudo_root" for details.

user@ubuntuhstynvs:~$ cat /proc/cpuinfo
cat: /proc/cpuinfo: No such file or directory
user@ubuntuhstynvs:~$ ^C
user@ubuntuhstynvs:~$ cat /proc/cpuinfo
cat: /proc/cpuinfo: No such file or directory
user@ubuntuhstynvs:~$ ^C
user@ubuntuhstynvs:~$ sudo su
do] password for vboxuser:
root@ubuntuhstynvs: /home/vboxuser# ls -l > daftar_direktori.txt
root@ubuntuhstynvs: /home/vboxuser# ls -l /etc/changeme >> daftar_etc_changeme.txt
ls: invalid option -- '/'
'ls --help' for more information.
root@ubuntuhstynvs: /home/vboxuser# cat /etc/passwd >> daftar_etc_passwd.txt
cat: /etc/passwd: No such file or directory
root@ubuntuhstynvs: /home/vboxuser# sort < daftar_direktori.txt > baru.urut
root@ubuntuhstynvs: /home/vboxuser#
```

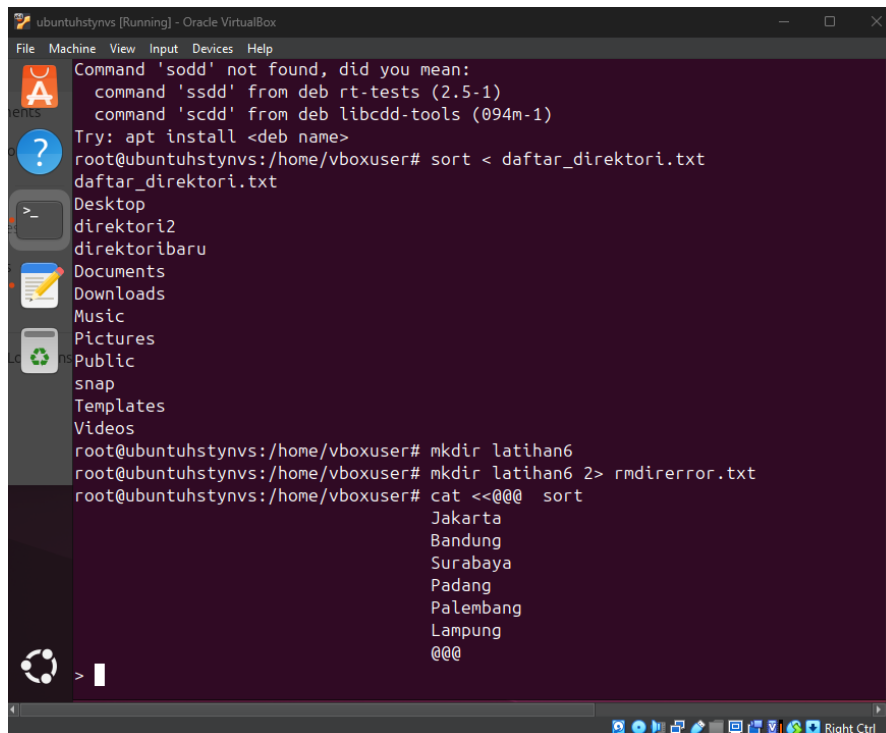


5. Buatlah direktori latihan6 sebanyak 2 kali dan belokkan standard error ke file rmdirerror.txt

```
ubuntuhstynvs [Running] - Oracle VirtualBox
File Machine View Input Devices Help
root@ubuntuhstynvs:/home/vboxuser# cat /etc/passwd >> daftar_etc_passwd.txt
root@ubuntuhstynvs:/home/vboxuser# cat /etc/changeme >> daftar_etc_changeme.txt
cat: /etc/changeme: No such file or directory
root@ubuntuhstynvs:/home/vboxuser# sort < daftar_etc_passwd.txt > baru.urut
root@ubuntuhstynvs:/home/vboxuser# sort < daftar_etc_changeme.txt > rmdirerror.txt
root@ubuntuhstynvs:/home/vboxuser# sodd
Command 'sodd' not found, did you mean:
  command 'ssdd' from deb rt-tests (2.5-1)
  command 'scdd' from deb libcdd-tools (094m-1)
Try: apt install <deb name>
root@ubuntuhstynvs:/home/vboxuser# sort < daftar_etc_passwd.txt > baru.urut
root@ubuntuhstynvs:/home/vboxuser# sort < daftar_etc_changeme.txt > rmdirerror.txt
root@ubuntuhstynvs:/home/vboxuser# mkdir latihan6
root@ubuntuhstynvs:/home/vboxuser# mkdir latihan6 2> rmdirerror.txt
root@ubuntuhstynvs:/home/vboxuser#
```

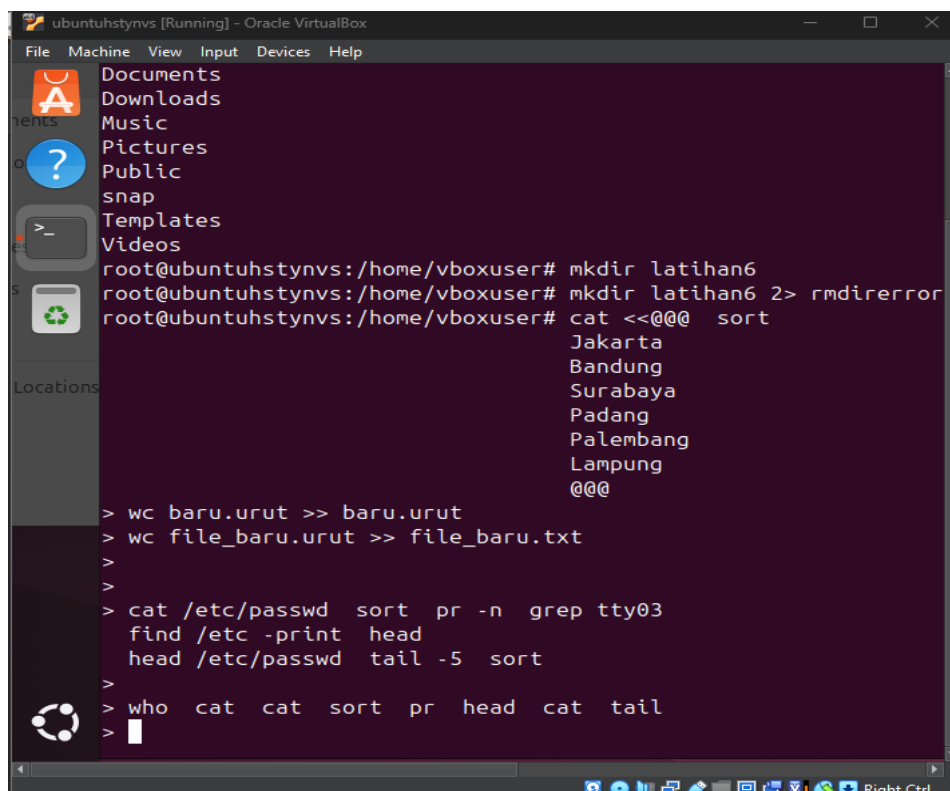


6. Dengan menggunakan notasi here document (<@@@ ...@@@)



```
Command 'sodd' not found, did you mean:
  command 'ssdd' from deb rt-tests (2.5-1)
  command 'scdd' from deb libcdd-tools (0.94m-1)
Try: apt install <deb name>
root@ubuntuhstynvs:/home/vboxuser# sort < daftar_direktori.txt
daftar_direktori.txt
Desktop
direktori2
direktori2baru
Documents
Downloads
Music
Pictures
Public
snap
Templates
Videos
root@ubuntuhstynvs:/home/vboxuser# mkdir latihan6
root@ubuntuhstynvs:/home/vboxuser# mkdir latihan6 2> rmdirerror.txt
root@ubuntuhstynvs:/home/vboxuser# cat <@@@ sort
Jakarta
Bandung
Surabaya
Padang
Palembang
Lampung
@@@
```

7. Hitung jumlah baris, kata dan karakter dari file baru.urut dengan menggunakan filter dan tambahkan data tersebut ke file baru



```
Documents
Downloads
Music
Pictures
Public
snap
Templates
Videos
root@ubuntuhstynvs:/home/vboxuser# mkdir latihan6
root@ubuntuhstynvs:/home/vboxuser# mkdir latihan6 2> rmdirerror
root@ubuntuhstynvs:/home/vboxuser# cat <@@@ sort
Jakarta
Bandung
Surabaya
Padang
Palembang
Lampung
@@@

> wc baru.urut >> baru.urut
> wc file_baru.urut >> file_baru.txt
>
> cat /etc/passwd sort pr -n grep tty03
find /etc -print head
head /etc/passwd tail -5 sort
>
> who cat cat sort pr head cat tail
>
```