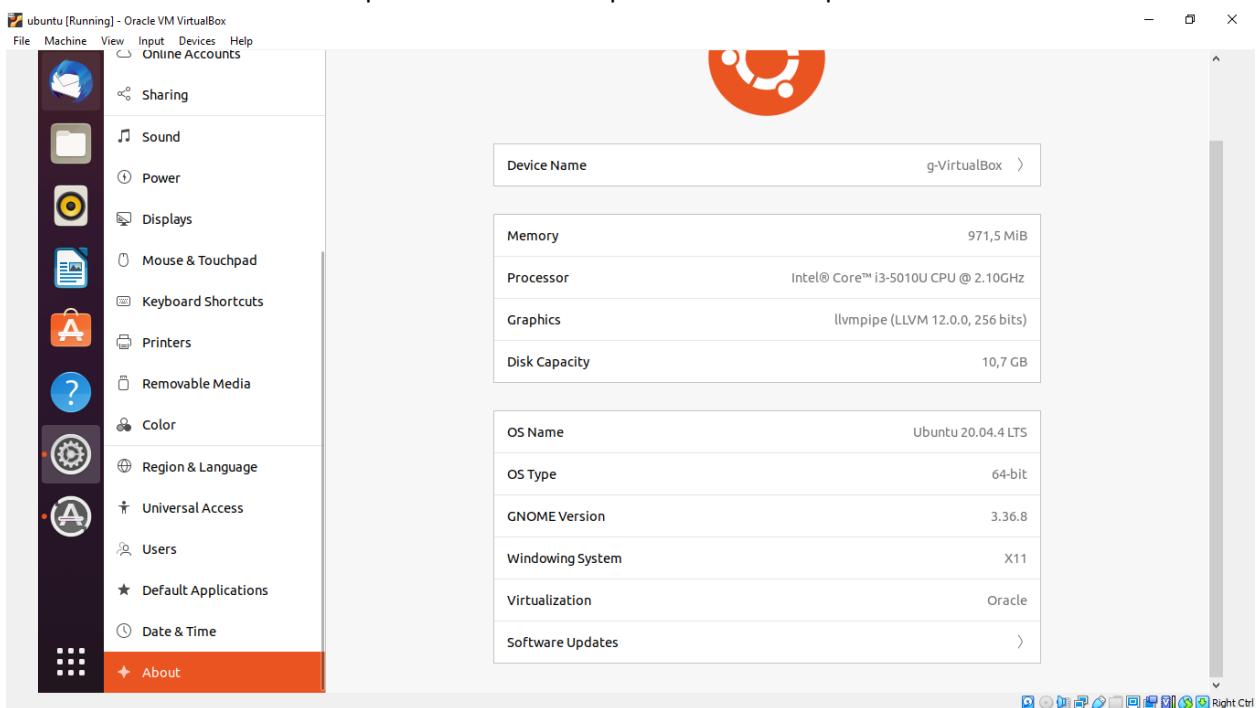
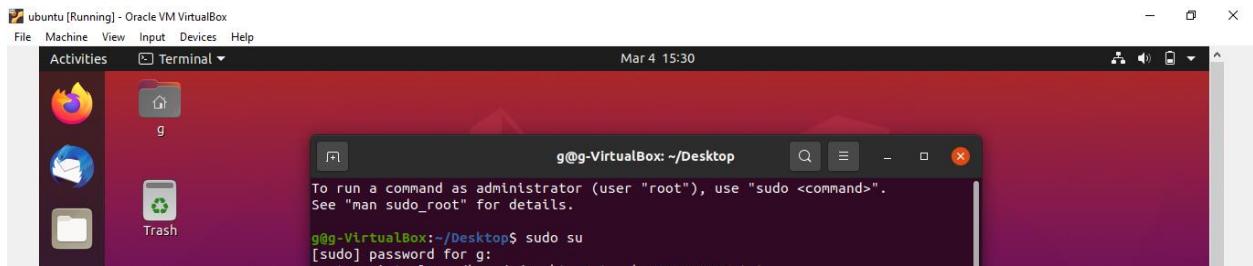


1. Screenshot informasi sistem operasi ubuntu atau spesifikasi sistem operasi ubuntu!

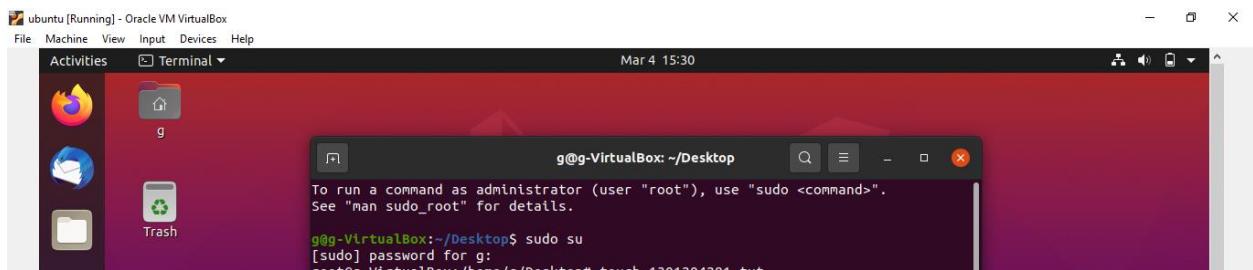


## 2. Screenshot hasilnya

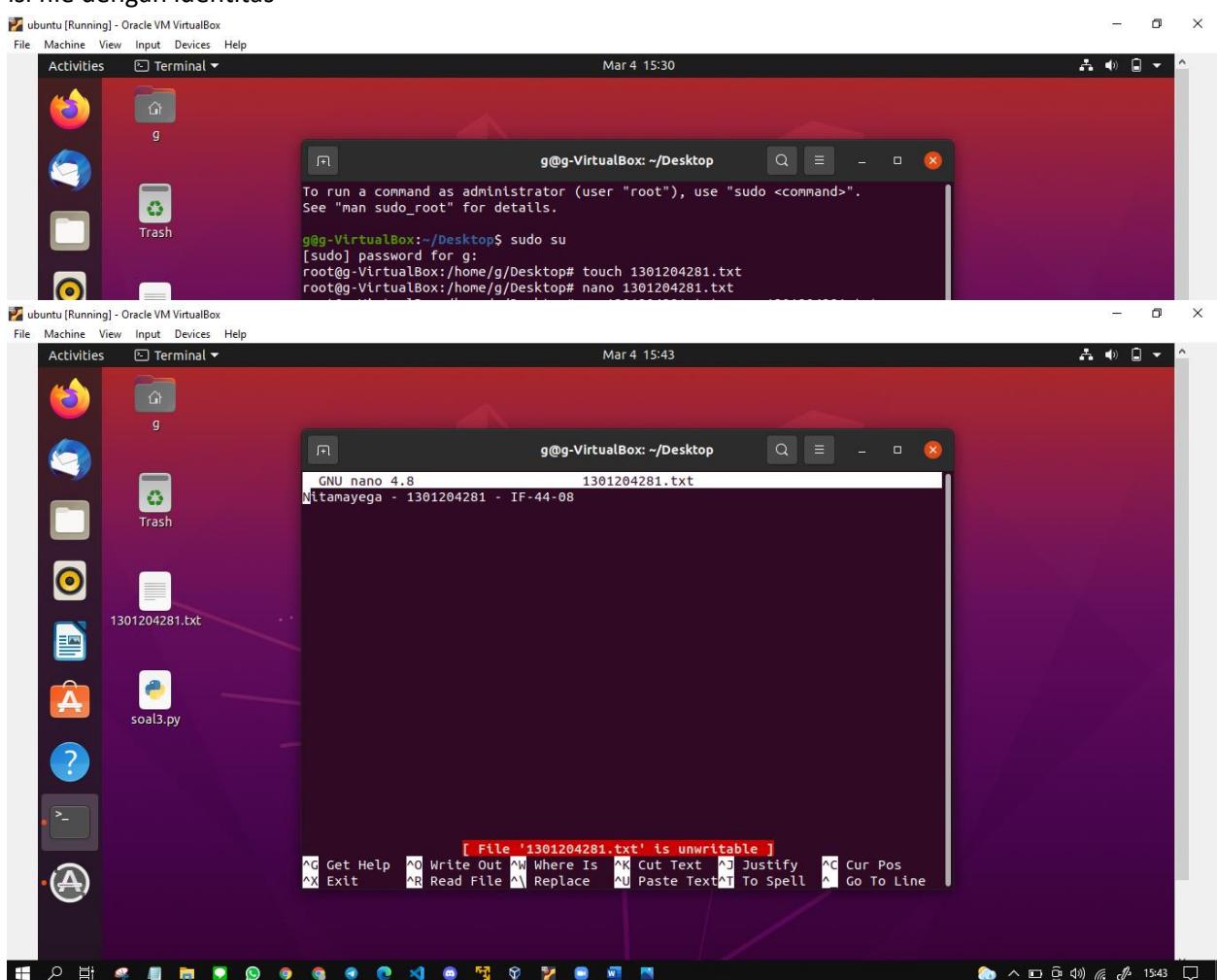
### a. masuk mode superuser



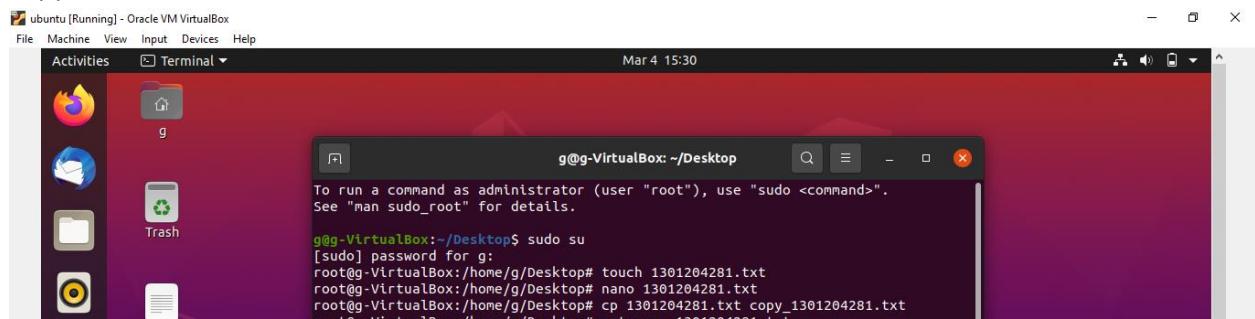
### b. buat file



### c. isi file dengan identitas

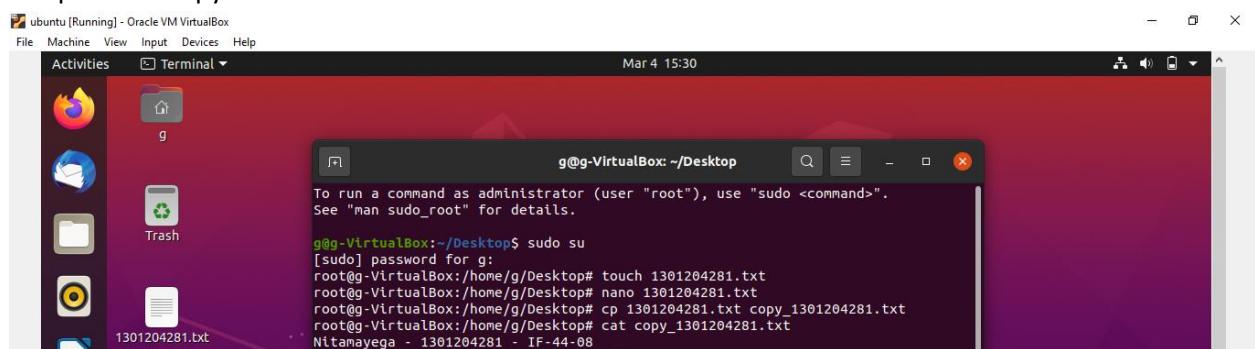


d. copy file



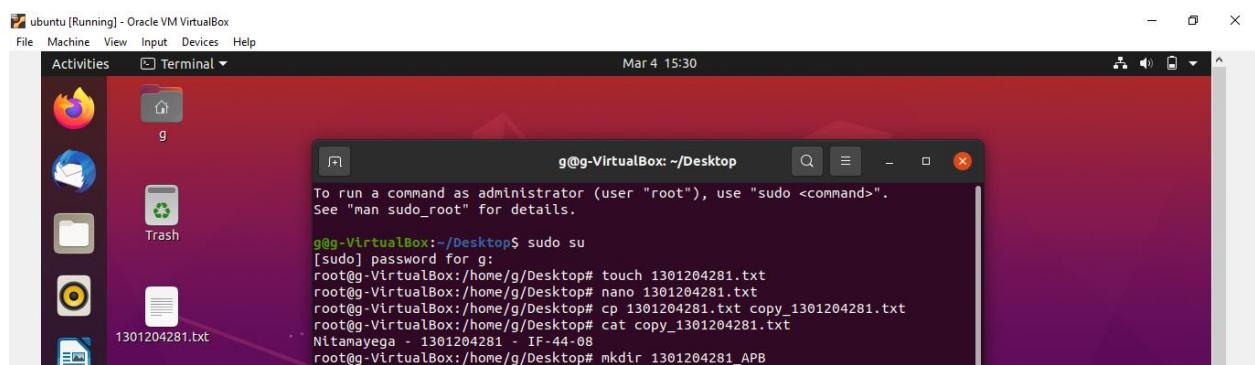
```
g@g-VirtualBox:~/Desktop$ sudo su
[sudo] password for g:
root@g-VirtualBox:~/Desktop# touch 1301204281.txt
root@g-VirtualBox:~/Desktop# nano 1301204281.txt
root@g-VirtualBox:~/Desktop# cp 1301204281.txt copy_1301204281.txt
root@g-VirtualBox:~/Desktop# cat copy_1301204281.txt
Nitanayega - 1301204281 - IF-44-08
```

e. tampilkan isi copy file



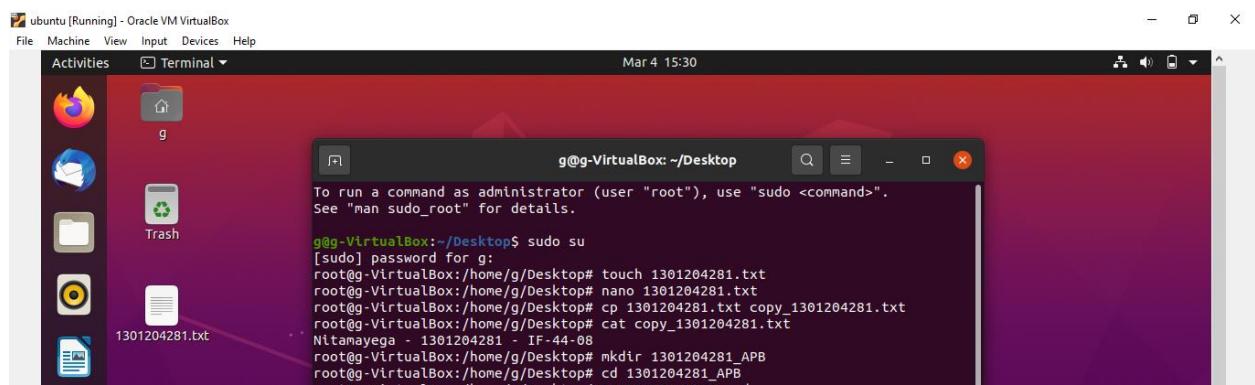
```
g@g-VirtualBox:~/Desktop$ sudo su
[sudo] password for g:
root@g-VirtualBox:~/Desktop# touch 1301204281.txt
root@g-VirtualBox:~/Desktop# nano 1301204281.txt
root@g-VirtualBox:~/Desktop# cp 1301204281.txt copy_1301204281.txt
root@g-VirtualBox:~/Desktop# cat copy_1301204281.txt
Nitanayega - 1301204281 - IF-44-08
```

f. buat folder



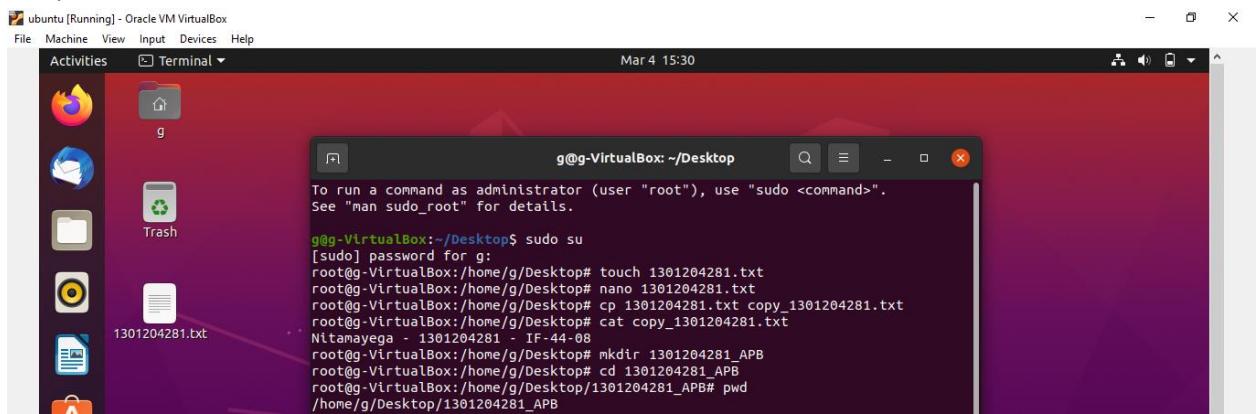
```
g@g-VirtualBox:~/Desktop$ sudo su
[sudo] password for g:
root@g-VirtualBox:~/Desktop# touch 1301204281.txt
root@g-VirtualBox:~/Desktop# nano 1301204281.txt
root@g-VirtualBox:~/Desktop# cp 1301204281.txt copy_1301204281.txt
root@g-VirtualBox:~/Desktop# cat copy_1301204281.txt
Nitanayega - 1301204281 - IF-44-08
root@g-VirtualBox:~/Desktop# mkdir 1301204281_APB
```

g. masuk ke folder



```
g@g-VirtualBox:~/Desktop$ sudo su
[sudo] password for g:
root@g-VirtualBox:~/Desktop# touch 1301204281.txt
root@g-VirtualBox:~/Desktop# nano 1301204281.txt
root@g-VirtualBox:~/Desktop# cp 1301204281.txt copy_1301204281.txt
root@g-VirtualBox:~/Desktop# cat copy_1301204281.txt
Nitanayega - 1301204281 - IF-44-08
root@g-VirtualBox:~/Desktop# mkdir 1301204281_APB
root@g-VirtualBox:~/Desktop# cd 1301204281_APB
```

**h. tampilkan informasi folder**



A screenshot of an Ubuntu desktop environment running in Oracle VM VirtualBox. The desktop has a purple gradient background. On the left is a dock with icons for the Dash, Home, and several application windows. A terminal window titled "g@g-VirtualBox: ~/Desktop" is open, showing root shell commands. The terminal output is as follows:

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

g@g-VirtualBox:~/Desktop$ sudo su
[sudo] password for g:
root@g-VirtualBox:/home/g/Desktop# touch 1301204281.txt
root@g-VirtualBox:/home/g/Desktop# nano 1301204281.txt
root@g-VirtualBox:/home/g/Desktop# cp 1301204281.txt copy_1301204281.txt
root@g-VirtualBox:/home/g/Desktop# cat copy_1301204281.txt
Nitamayega 1301204281 IF-44-08
root@g-VirtualBox:/home/g/Desktop# mkdir 1301204281_APB
root@g-VirtualBox:/home/g/Desktop# cd 1301204281_APB
root@g-VirtualBox:/home/g/Desktop/1301204281_APB# pwd
/home/g/Desktop/1301204281_APB
```

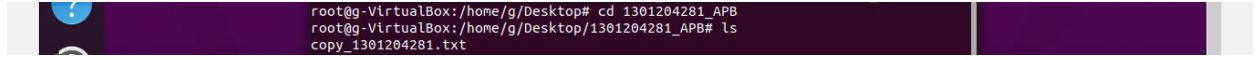
**i. pindahkan file copy ke folder**



A terminal window showing the command to move a file:

```
root@g-VirtualBox:/home/g/Desktop/1301204281_APB# cd ..
root@g-VirtualBox:/home/g/Desktop# mv copy_1301204281.txt 1301204281_APB
```

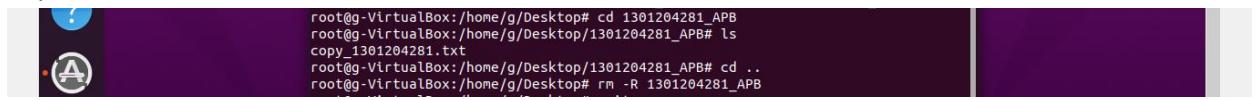
**j. tampilkan isi folder**



A terminal window showing the command to list files in a folder:

```
root@g-VirtualBox:/home/g/Desktop# cd 1301204281_APB
root@g-VirtualBox:/home/g/Desktop/1301204281_APB# ls
copy_1301204281.txt
```

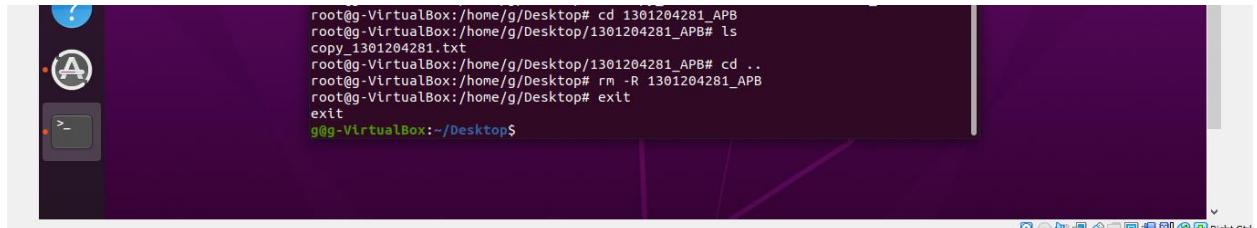
**k. hapus folder**



A terminal window showing the command to delete a folder:

```
root@g-VirtualBox:/home/g/Desktop# cd 1301204281_APB
root@g-VirtualBox:/home/g/Desktop/1301204281_APB# ls
copy_1301204281.txt
root@g-VirtualBox:/home/g/Desktop/1301204281_APB# cd ..
root@g-VirtualBox:/home/g/Desktop# rm -R 1301204281_APB
root@g-VirtualBox:/home/g/Desktop# exit
```

**l. kembali ke mode user**



A terminal window showing the command to exit the root shell:

```
root@g-VirtualBox:/home/g/Desktop# cd 1301204281_APB
root@g-VirtualBox:/home/g/Desktop/1301204281_APB# ls
copy_1301204281.txt
root@g-VirtualBox:/home/g/Desktop/1301204281_APB# cd ..
root@g-VirtualBox:/home/g/Desktop# rm -R 1301204281_APB
root@g-VirtualBox:/home/g/Desktop# exit
g@g-VirtualBox:~/Desktop$
```

### 3. buat program python

The image shows a Linux desktop environment with a purple theme. On the left is a dock with icons for a browser, file manager, terminal, and other applications. A central dock bar contains icons for various system functions like network, volume, and screen brightness.

The main area features two terminal windows:

- Top Terminal:** Shows the command line with the user's path: `g@g-VirtualBox:~/Desktop$`. It then runs three commands:
  - `python3 --version` output: Python 3.8.10
  - `touch soal3.py`
  - `nano soal3.py`
- Bottom Terminal:** Shows the user's path: `g@g-VirtualBox:~/Desktop$`. It runs the command `python3 soal3.py`, which outputs:

```
1
2 0
3 0 0
4 0 0 0
5 0 0 0 0
```