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NIM : 123170085

Kelas: Praktikum TCC C

### **Praktikum Cloud Computing**

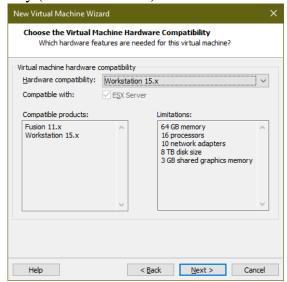
Pengenalan VMware Workstation dan LinuxOS

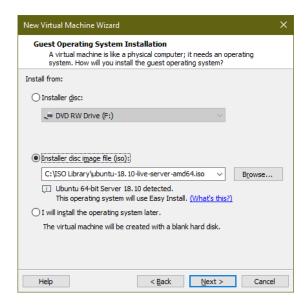
#### Pertemuan 2

- Conceptual Application
  - 1. Virtual OS
  - 2. Aplikasi VMware Workstation Digunakan untuk virtualisasi sistem operasi.
  - 3. OS pada Komputer
  - 4. Hardware Fisik Komputer
- Manfaat fasilitas swapping Bila komputer host tidak memiliki RAM yang cukup untuk menjalankan VM. Edit->Preference->memory->allow most
- Agar XAMPP tidak error
- Sebelum membuat VM baru cek dulu ISOnya
- Pembuatan VM
  - 1. Create New VM (Pilih Custom)

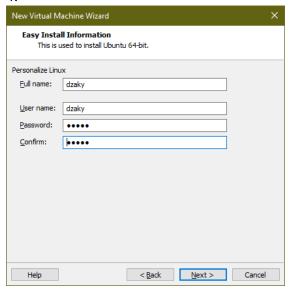


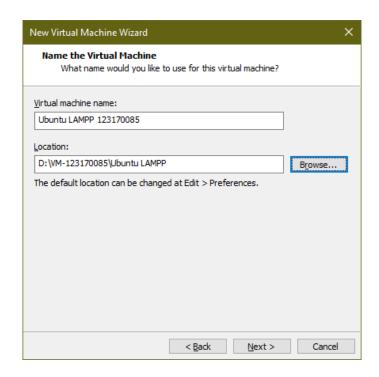
# 2.Hardware compatibility (workstation 15.x)

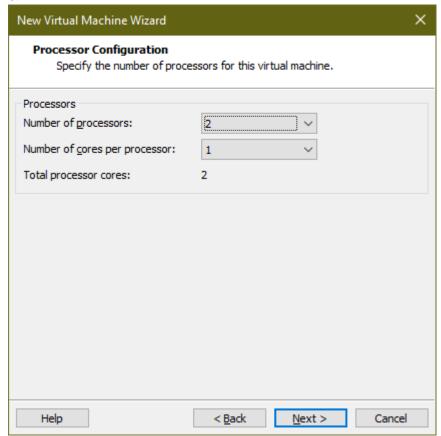


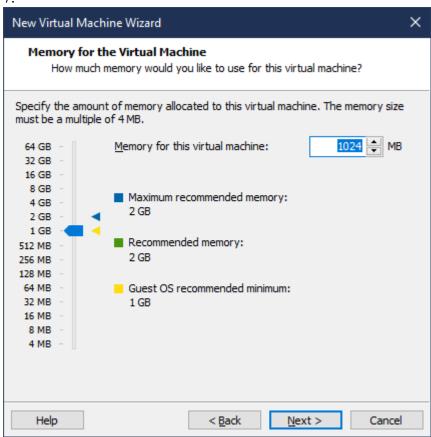


4.

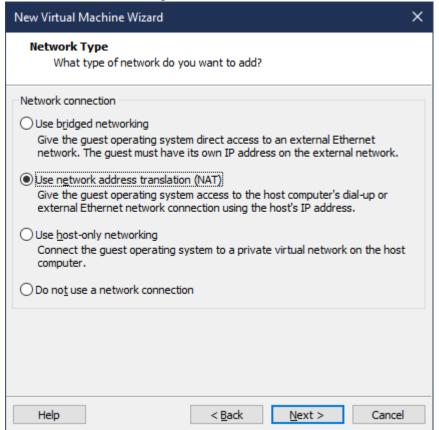


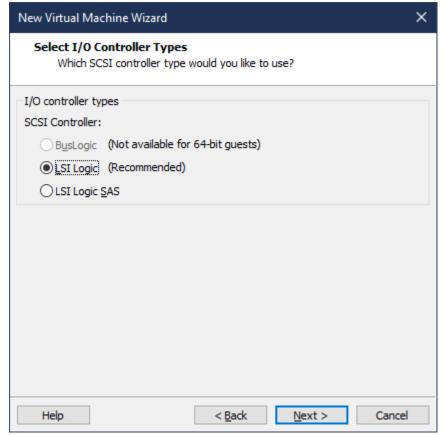




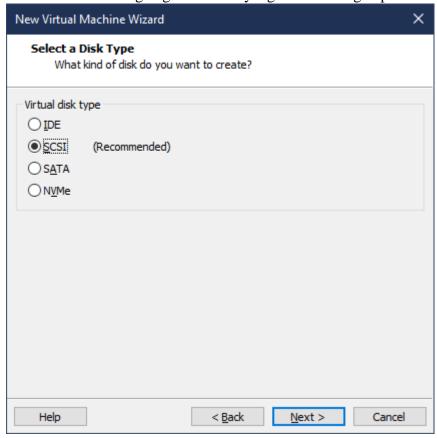


## 8. Pilih mode networking NAT

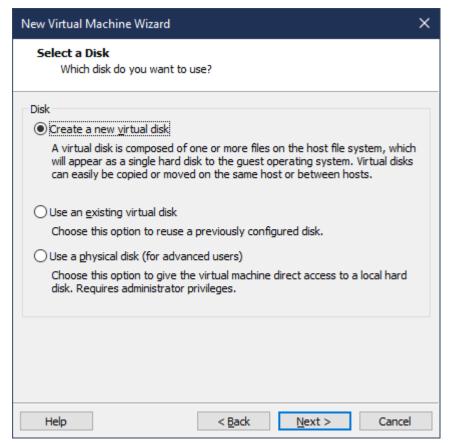




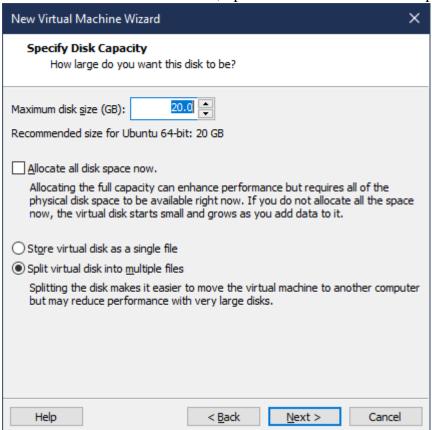
10. Disesuaikan dengan generasi OS yang diinstal dengan pilih SCSI(Recommended)

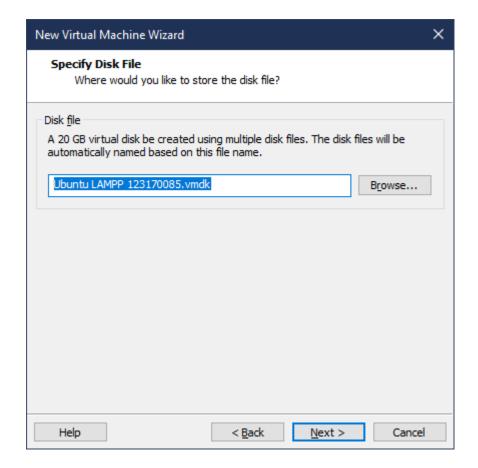


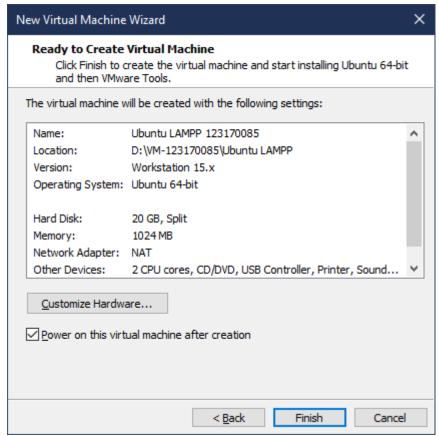
11.Karena belum pernah bikin VM maka kita pilih yang Create New Virtual Disk

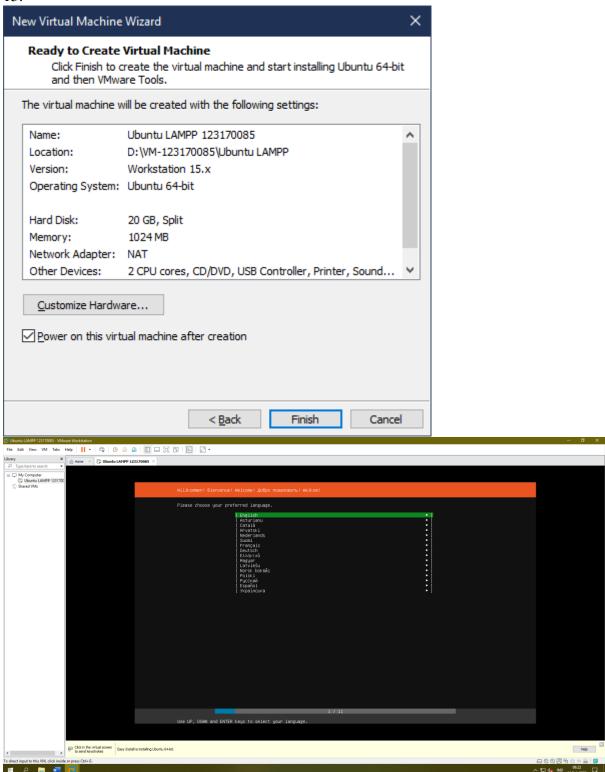


12. Pakai disk size sesuai default, Split virtual disk memudahkan pindah berkasnya

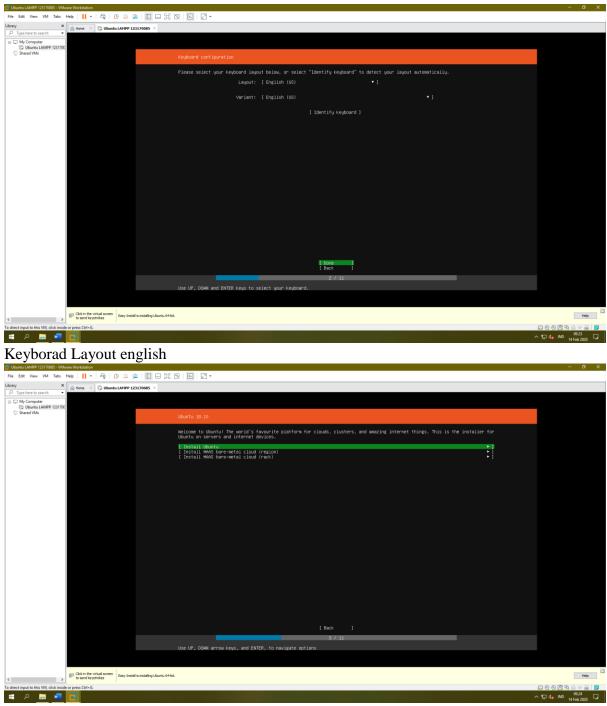




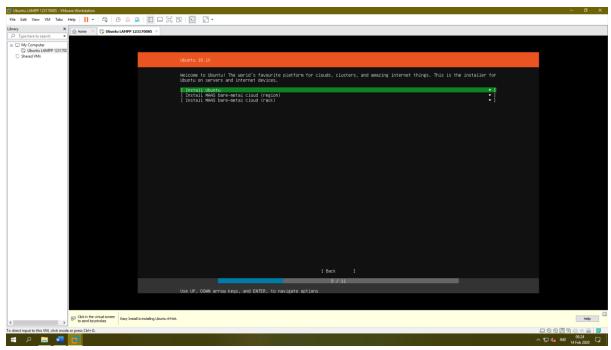




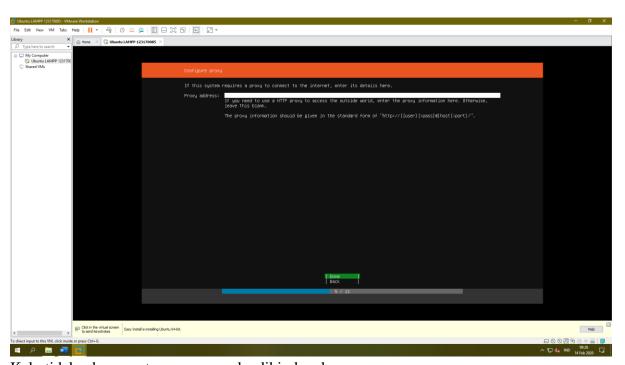
Cara interaksi dengan VM dengan Ctrl + G/ di klik bagian tengah, untuk



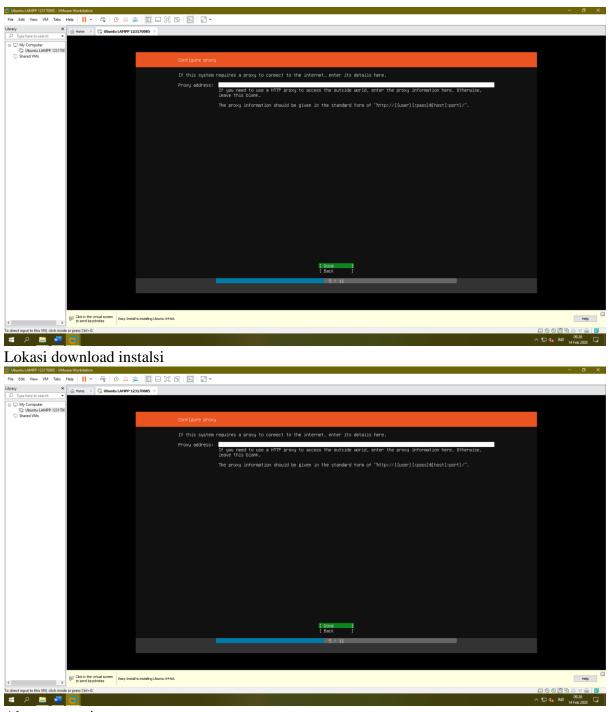
Mode Instal ubuntu biasa



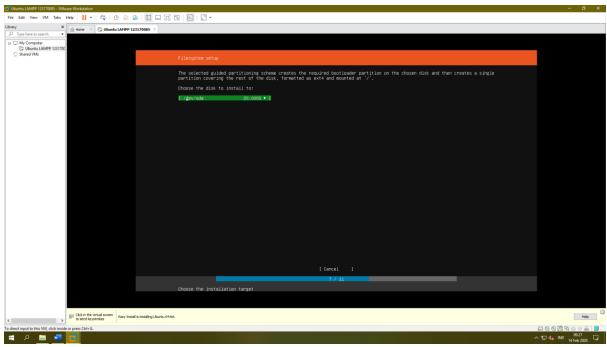
Menu network connections



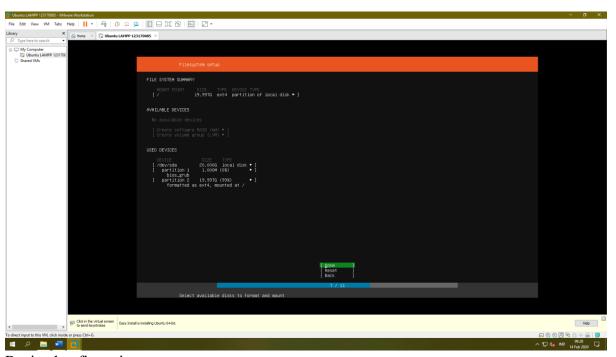
Kalo tidak ada pengaturan poxy maka dibiarkan kosong



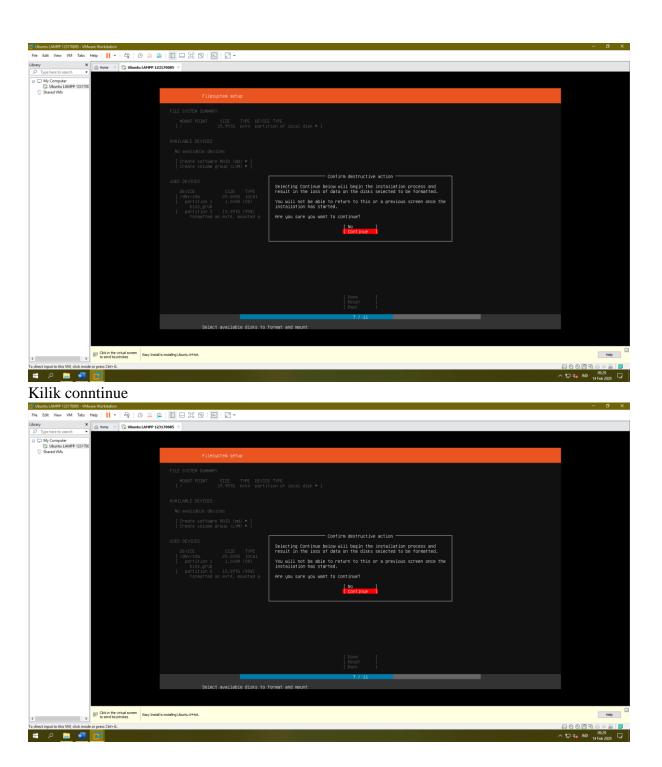
Alamat repository

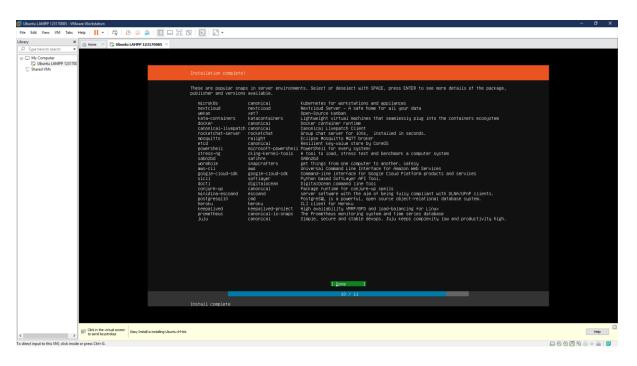


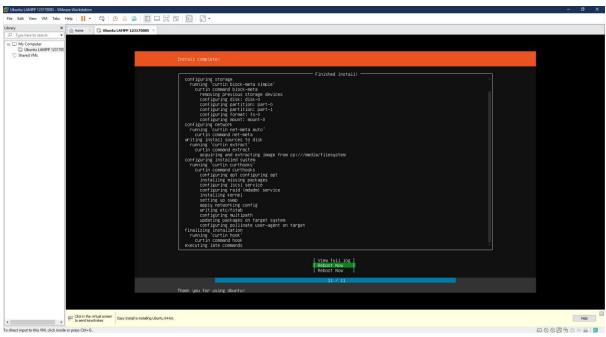
Merukapan Disk C nya Ubuntu



Bagian konfirmasi

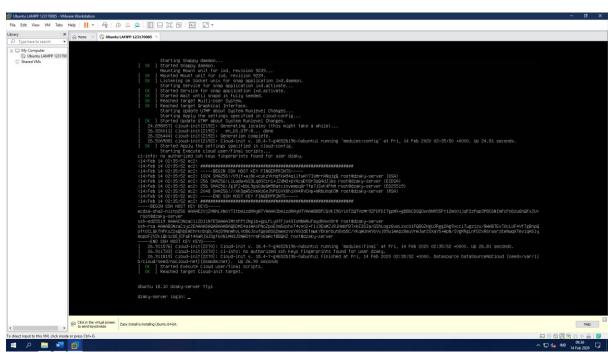




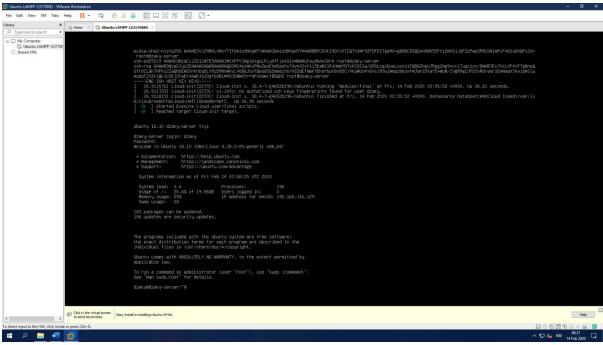


```
When Law Teach Part County Cou
```

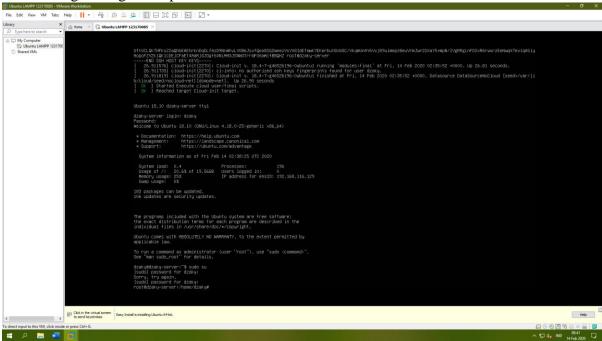
# Selesai Booting



Klik Enter untuk login masukkan username password



Setelah Login dengan tampilan Wellcome screen ubuntu /MOTD

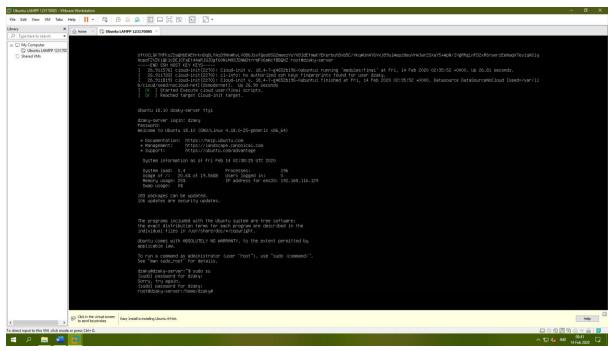


Pindah ke akun root (ketik sudo su) masukkan password

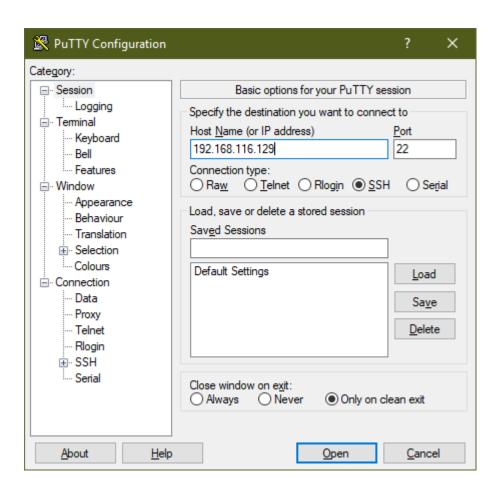
Untuk kembali ke akun semula (ketik exit)

Edit pada berkas ubuntu pakai NANO

Kemudian perintah untuk mengubah adalah nano (space)/etc/motd(harus menjadi akun root dulu)



Untuk save pada nano pakai ctrl+O kemudian akan muncul wrote



```
🗗 dzaky@dzaky-server: ~
                                                                          ×
 Memory usage: 26%
                                   IP address for ens33: 192.168.116.129
 Swap usage:
 * Multipass 1.0 is out! Get Ubuntu VMs on demand on your Linux, Windows or
  Mac. Supports cloud-init for fast, local, cloud devops simulation.
    https://multipass.run/
183 packages can be updated.
106 updates are security updates.
Your Ubuntu release is not supported anymore.
For upgrade information, please visit:
http://www.ubuntu.com/releaseendoflife
New release '19.10' available.
Run 'do-release-upgrade' to upgrade to it.
Wellcome Gas
Samleksss
Ait gaaaiisss
Last login: Fri Feb 14 02:50:56 2020
dzaky@dzaky-server:~$
```

## 1. ls

```
dzaky@dzaky-server: ~
                                                                                ×
 * Multipass 1.0 is out! Get Ubuntu VMs on demand on your Linux, Windows or
  Mac. Supports cloud-init for fast, local, cloud devops simulation.
    https://multipass.run/
183 packages can be updated.
106 updates are security updates.
Your Ubuntu release is not supported anymore.
For upgrade information, please visit:
http://www.ubuntu.com/releaseendoflife
New release '19.10' available.
Run 'do-release-upgrade' to upgrade to it.
Wellcome Gas
Samleksss
Ait gaaaiisss
Last login: Fri Feb 14 02:50:56 2020
dzaky@dzaky-server:~$ ls
```

### 2. mkdir pertemuaa-2

```
🗗 dzaky@dzaky-server: ~
                                                                          ×
  Mac. Supports cloud-init for fast, local, cloud devops simulation.
    https://multipass.run/
183 packages can be updated.
106 updates are security updates.
Your Ubuntu release is not supported anymore.
For upgrade information, please visit:
http://www.ubuntu.com/releaseendoflife
New release '19.10' available.
Run 'do-release-upgrade' to upgrade to it.
Wellcome Gas
Samleksss
Ait gaaaiisss
Last login: Fri Feb 14 02:50:56 2020
dzaky@dzaky-server:~$ ls
dzaky@dzaky-server:~$ mkdir pertemuan-2
```

## 3. ls -l meanmpilkan nama server tanggal dan jam dan read mkdir

```
dzaky@dzaky-server: ~

dzaky@dzaky-serve
                                                                                                                                                                                                                                                                                                                                                                 ×
 183 packages can be updated.
                                                                                                                                                                                                                                                                                                                                                                                                        ۸
106 updates are security updates.
Your Ubuntu release is not supported anymore.
For upgrade information, please visit:
http://www.ubuntu.com/releaseendoflife
New release '19.10' available.
Run 'do-release-upgrade' to upgrade to it.
Wellcome Gas
Samleksss
Ait gaaaiisss
Last login: Fri Feb 14 02:50:56 2020
dzaky@dzaky-server:~$ ls
 dzaky@dzaky-server:~$ mkdir pertemuan-2
dzaky@dzaky-server:~$ ls -1
 total 4
 drwxrwxr-x 2 dzaky dzaky 4096 Feb 14 02:58 pertemuan-2
dzaky@dzaky-server:~$
```

#### 4. cp -r pertemuan-2

```
dzaky@dzaky-server: ~
                                                                          ×
106 updates are security updates.
Your Ubuntu release is not supported anymore.
For upgrade information, please visit:
http://www.ubuntu.com/releaseendoflife
New release '19.10' available.
Run 'do-release-upgrade' to upgrade to it.
Wellcome Gas
Samleksss
Ait gaaaiisss
Last login: Fri Feb 14 02:50:56 2020
dzaky@dzaky-server:~$ ls
dzaky@dzaky-server:~$ mkdir pertemuan-2
dzaky@dzaky-server:~$ ls -1
total 4
drwxrwxr-x 2 dzaky dzaky 4096 Feb 14 02:58 pertemuan-2
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemua-1
dzaky@dzaky-server:~$
```

5. ls (untuk menampilkan data yang telah dideklarasikan)

```
×
dzaky@dzaky-server: ~
For upgrade information, please visit:
http://www.ubuntu.com/releaseendoflife
New release '19.10' available.
Run 'do-release-upgrade' to upgrade to it.
Wellcome Gas
Samleksss
Ait gaaaiisss
Last login: Fri Feb 14 02:50:56 2020
dzaky@dzaky-server:~$ ls
dzaky@dzaky-server:~$ mkdir pertemuan-2
dzaky@dzaky-server:~$ ls -1
total 4
drwxrwxr-x 2 dzaky dzaky 4096 Feb 14 02:58 pertemuan-2
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemua-1
dzaky@dzaky-server:~$ ^C
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemuan-1
dzaky@dzaky-server:~$ ls
pertemua-1 pertemuan-1 pertemuan-2
```

6. Mv pertemuan-2 "pertemuan 2 LAMPP" (deklarasi)

```
×
 dzaky@dzaky-server: ~
Wellcome Gas
Samleksss
Ait gaaaiisss
Last login: Fri Feb 14 02:50:56 2020
dzaky@dzaky-server:~$ ls
dzaky@dzaky-server:~$ mkdir pertemuan-2
dzaky@dzaky-server:~$ ls -1
total 4
drwxrwxr-x 2 dzaky dzaky 4096 Feb 14 02:58 pertemuan-2
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemua-1
dzaky@dzaky-server:~$ ^C
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemuan-1
dzaky@dzaky-server:~$ ls
pertemua-1 pertemuan-1 pertemuan-2
dzaky@dzaky-server:~$ mv pertemuan-2"pertemuan 2 LAMPP"
mv: missing destination file operand after 'pertemuan-2pertemuan 2 LAMPP'
Try 'mv --help' for more information.
dzaky@dzaky-server:~$ ^C
dzaky@dzaky-server:~$ mv pertemuan-2 "pertemuan 2 LAMPP"
```

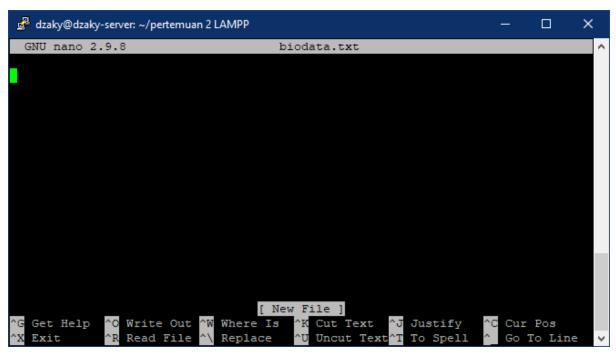
### 7. ls(deklarasi data sebelumnya)

```
dzaky@dzaky-server: ~
                                                                          ×
Samleksss
Ait gaaaiisss
Last login: Fri Feb 14 02:50:56 2020
dzaky@dzaky-server:~$ ls
dzaky@dzaky-server:~$ mkdir pertemuan-2
dzaky@dzaky-server:~$ ls -1
total 4
drwxrwxr-x 2 dzaky dzaky 4096 Feb 14 02:58 pertemuan-2
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemua-1
dzaky@dzaky-server:~$ ^C
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemuan-1
dzaky@dzaky-server:~$ ls
dzaky@dzaky-server:~$ mv pertemuan-2"pertemuan 2 LAMPP"
mv: missing destination file operand after 'pertemuan-2pertemuan 2 LAMPP'
Try 'mv --help' for more information.
dzaky@dzaky-server:~$ ^C
dzaky@dzaky-server:~$ mv pertemuan-2 "pertemuan 2 LAMPP"
dzaky@dzaky-server:~$ ls
dzaky@dzaky-server:~$
```

8. cd "pertemuan 2

```
dzaky@dzaky-server: ~/pertemuan 2 LAMPP
                                                                          ×
Ait gaaaiisss
Last login: Fri Feb 14 02:50:56 2020
dzaky@dzaky-server:~$ ls
dzaky@dzaky-server:~$ mkdir pertemuan-2
dzaky@dzaky-server:~$ ls -l
total 4
drwxrwxr-x 2 dzaky dzaky 4096 Feb 14 02:58 pertemuan-2
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemua-1
dzaky@dzaky-server:~$ ^C
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemuan-1
dzaky@dzaky-server:~$ ls
dzaky@dzaky-server:~$ mv pertemuan-2"pertemuan 2 LAMPP"
mv: missing destination file operand after 'pertemuan-2pertemuan 2 LAMPP'
Try 'mv --help' for more information.
dzaky@dzaky-server:~$ ^C
dzaky@dzaky-server:~$ mv pertemuan-2 "pertemuan 2 LAMPP"
dzaky@dzaky-server:~$ ls
dzaky@dzaky-server:~$ cd "pertemuan 2 LAMPP"/
dzaky@dzaky-server:~/pertemuan 2 LAMPP$
```

9. nano biodata.txt (masukkan NIM, save, exit)

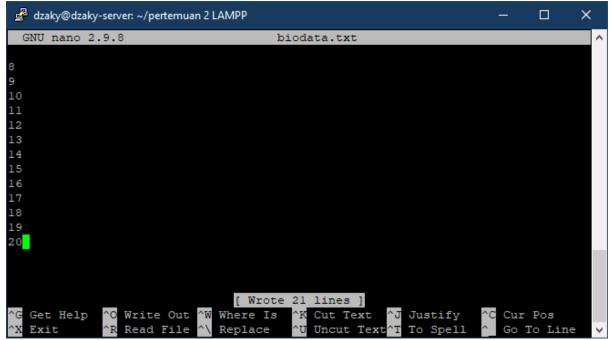


10. ls -l (data yang diinput di nano ada 4)

```
dzaky@dzaky-server: ~/pertemuan 2 LAMPP
                                                                          ×
dzaky@dzaky-server:~$ ls -1
drwxrwxr-x 2 dzaky dzaky 4096 Feb 14 02:58 pertemuan-2
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemua-1
dzaky@dzaky-server:~$ ^C
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemuan-1
dzaky@dzaky-server:~$ ls
pertemua-1 pertemuan-1 pertemuan-2
dzaky@dzaky-server:~$ mv pertemuan-2"pertemuan 2 LAMPP"
mv: missing destination file operand after 'pertemuan-2pertemuan 2 LAMPP'
Try 'mv --help' for more information.
dzaky@dzaky-server:~$ ^C
dzaky@dzaky-server:~$ mv pertemuan-2 "pertemuan 2 LAMPP"
dzaky@dzaky-server:~$ ls
dzaky@dzaky-server:~$ cd "pertemuan 2 LAMPP"/
dzaky@dzaky-server:~/pertemuan 2 LAMPP$ nano biodata.txt
dzaky@dzaky-server:~/pertemuan 2 LAMPP$ ls -1
total 4
-rw-rw-r-- 1 dzaky dzaky 10 Feb 14 03:19 biodata.txt
dzaky@dzaky-server:~/pertemuan 2 LAMPP$
```

```
×
dzaky@dzaky-server: ~/pertemuan 2 LAMPP
drwxrwxr-x 2 dzaky dzaky 4096 Feb 14 02:58 pertemuan-2
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemua-1
dzaky@dzaky-server:~$ ^C
dzaky@dzaky-server:~$ cp -r pertemuan-2 pertemuan-1
dzaky@dzaky-server:~$ ls
pertemua-1 pertemuan-1 pertemuan-2
dzaky@dzaky-server:~$ mv pertemuan-2"pertemuan 2 LAMPP"
mv: missing destination file operand after 'pertemuan-2pertemuan 2 LAMPP'
Try 'mv --help' for more information.
dzaky@dzaky-server:~$ ^C
dzaky@dzaky-server:~$ mv pertemuan-2 "pertemuan 2 LAMPP"
dzaky@dzaky-server:~$ ls
dzaky@dzaky-server:~$ cd "pertemuan 2 LAMPP"/
dzaky@dzaky-server:~/pertemuan 2 LAMPP$ nano biodata.txt
dzaky@dzaky-server:~/pertemuan 2 LAMPP$ 1s -1
total 4
-rw-rw-r-- 1 dzaky dzaky 10 Feb 14 03:19 biodata.txt
dzaky@dzaky-server:~/pertemuan 2 LAMPP$ cat biodata.txt
123170085
dzaky@dzaky-server:~/pertemuan 2 LAMPP$
```

## 12. nano biodata.txt(input angka 1-20,save,exit)



13. cat biodata.txt(memunculkan data yang telah diinput pada nano text)

14. tail biodata.txt (menampilkan setengah angka yang diinputkan)