

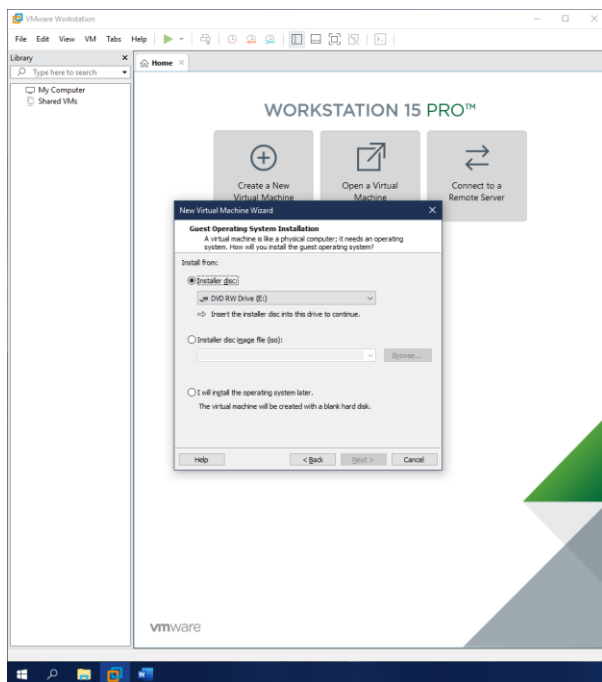
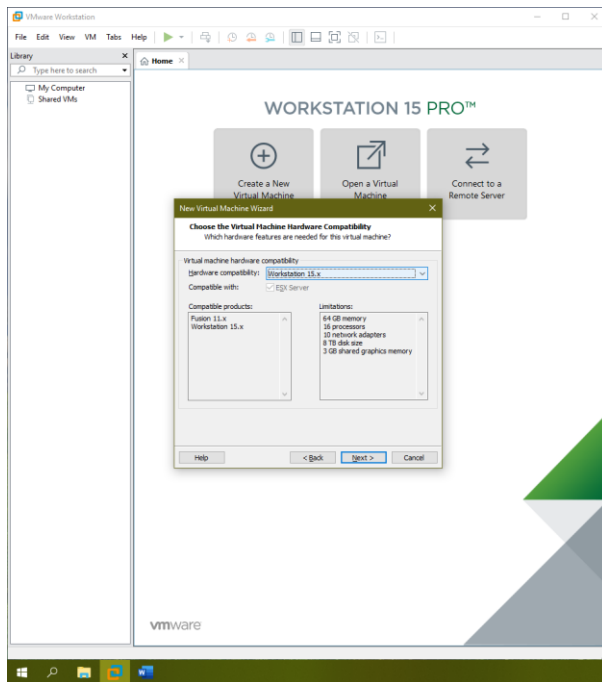
Nama : Aditya Bayu Prabowo

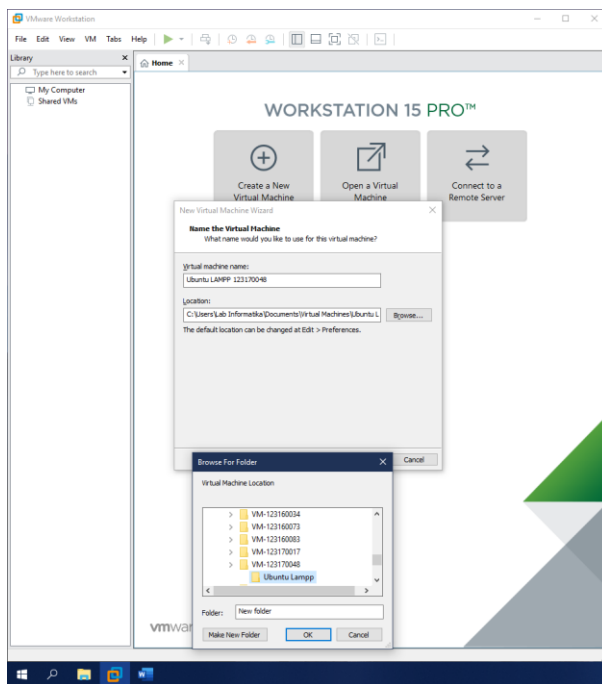
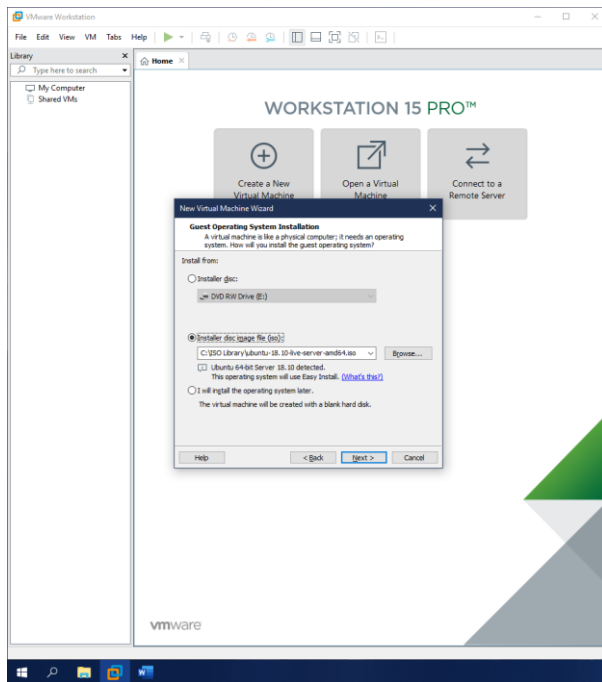
Nim : 123170048

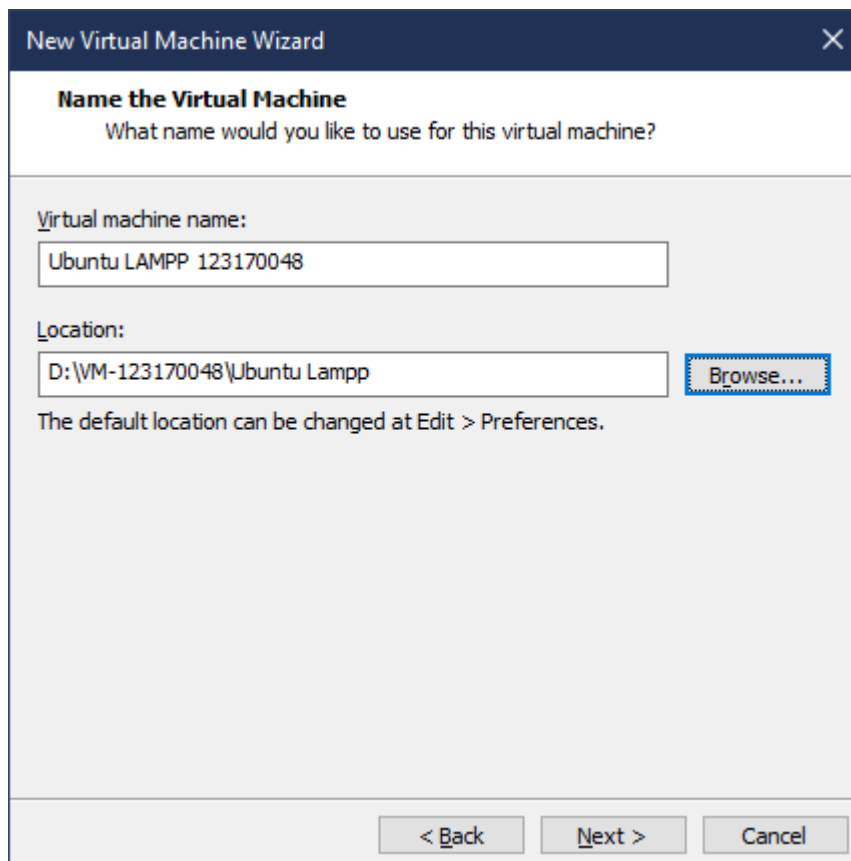
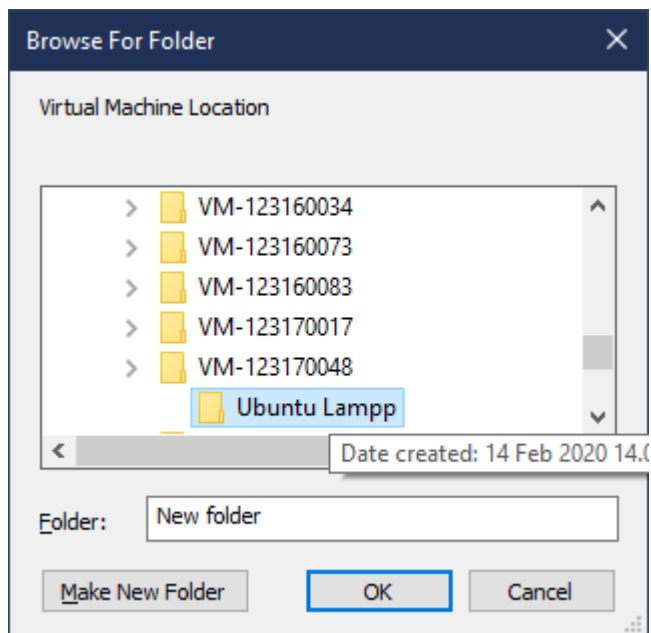
### Pengenalan VM Ware Station dan Linux OS



- Membuka VM Ware dan pilih custom







New Virtual Machine Wizard

Processor Configuration

Specify the number of processors for this virtual machine.

Processors

Number of processors:

2

Number of cores per processor:

1

Total processor cores:

2

Help

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Next >

Cancel

New Virtual Machine Wizard

Memory for the Virtual Machine

How much memory would you like to use for this virtual machine?

Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.

64 GB

32 GB

16 GB

8 GB

4 GB

2 GB

1 GB

512 MB

256 MB

128 MB

64 MB

32 MB

16 MB

8 MB

4 MB

Memory for this virtual machine:

1024

MB

Maximum recommended memory:

2 GB

Recommended memory:

2 GB

Guest OS recommended minimum:

1 GB

Help

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Cancel

New Virtual Machine Wizard

×

**Network Type**  
What type of network do you want to add?

Network connection

☐ Use bridged networking  
Give the guest operating system direct access to an external Ethernet network. The guest must have its own IP address on the external network.

☒ Use network address translation (NAT)  
Give the guest operating system access to the host computer's dial-up or external Ethernet network connection using the host's IP address.

☐ Use host-only networking  
Connect the guest operating system to a private virtual network on the host computer.

☐ Do not use a network connection

Help

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Cancel

New Virtual Machine Wizard

×

**Select I/O Controller Types**  
Which SCSI controller type would you like to use?

I/O controller types

SCSI Controller:

☐ BusLogic (Not available for 64-bit guests)

☒ LSI Logic (Recommended)

☐ LSI Logic SAS

Help

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Cancel

New Virtual Machine Wizard

Select a Disk Type

What kind of disk do you want to create?

Virtual disk type

☐ IDE

☒ SCSI (Recommended)

☐ SATA

☐ NVMe

Help

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Cancel

New Virtual Machine Wizard

Select a Disk

Which disk do you want to use?

Disk

☒ Create a new virtual disk

A virtual disk is composed of one or more files on the host file system, which will appear as a single hard disk to the guest operating system. Virtual disks can easily be copied or moved on the same host or between hosts.

☐ Use an existing virtual disk

Choose this option to reuse a previously configured disk.

☐ Use a physical disk (for advanced users)

Choose this option to give the virtual machine direct access to a local hard disk. Requires administrator privileges.

Help

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Next >

Cancel

New Virtual Machine Wizard

×

**Specify Disk File**  
Where would you like to store the disk file?

Disk file

A 20 GB virtual disk be created using multiple disk files. The disk files will be automatically named based on this file name.

Ubuntu LAMPP 123170048.vmdk

Browse...

Help

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Next >

Cancel



New Virtual Machine Wizard

Ready to Create Virtual Machine

Click Finish to create the virtual machine and start installing Ubuntu 64-bit and then VMware Tools.

The virtual machine will be created with the following settings:

Name:Ubuntu LAMPP 123170048

Location:D:\VM-123170048\Ubuntu Lampp

Version:Workstation 15.x

Operating System:Ubuntu 64-bit

Hard Disk:20 GB, Split, Pre-allocated

Memory:1024 MB

Network Adapter:NAT

Other Devices:2 CPU cores, CD/DVD, USB Controller, Printer, Sound...

Customize Hardware...

☒ Power on this virtual machine after creation

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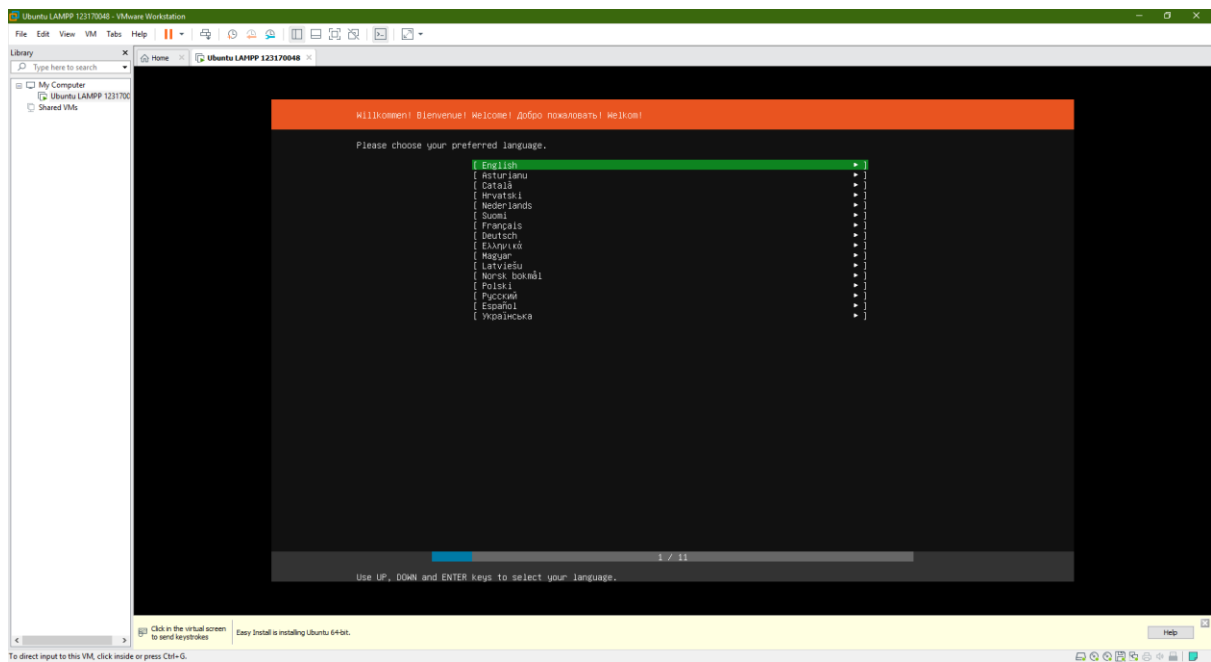
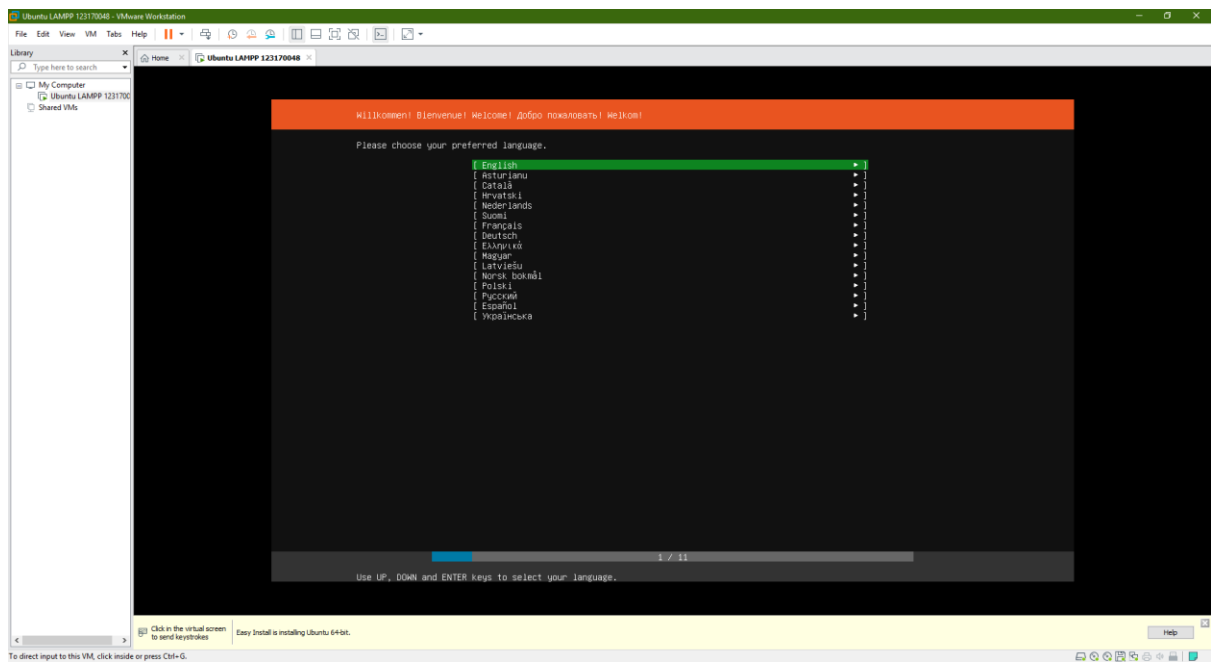
Finish

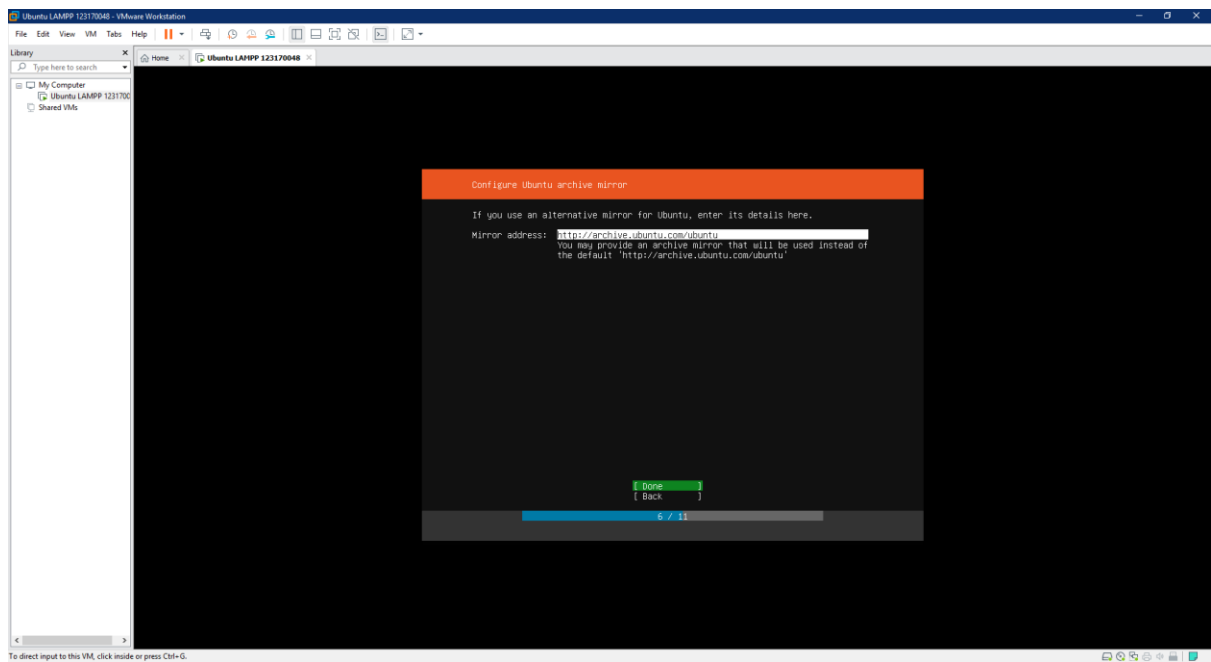
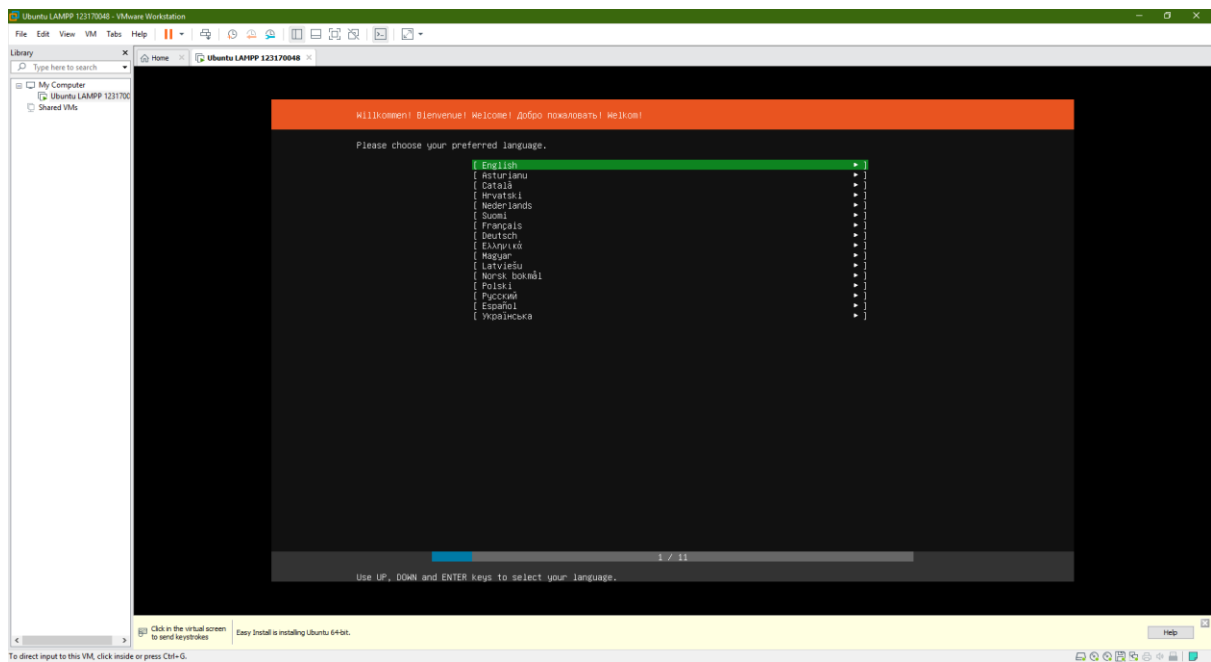
Cancel

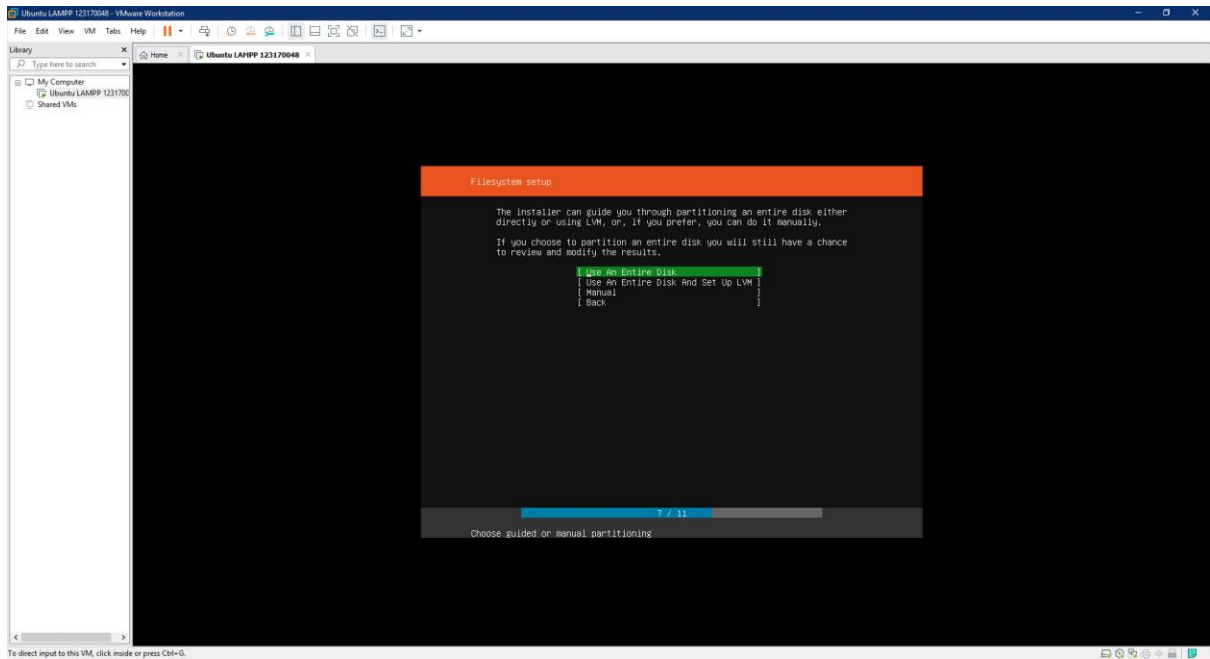
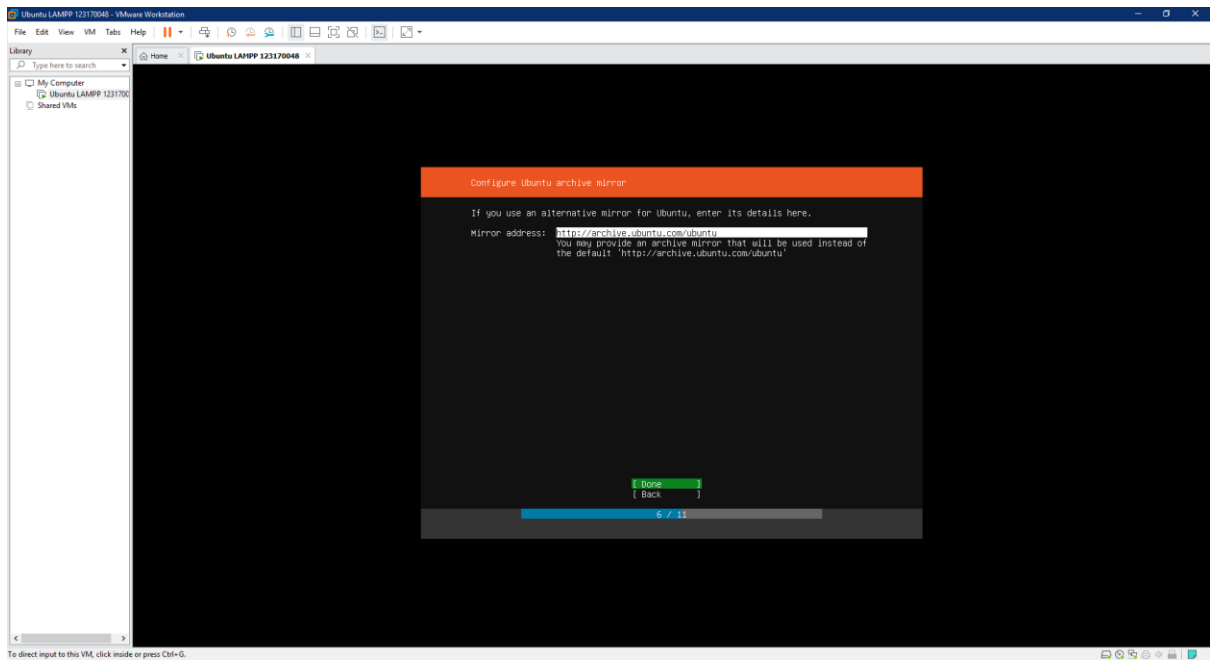
VMware Workstation

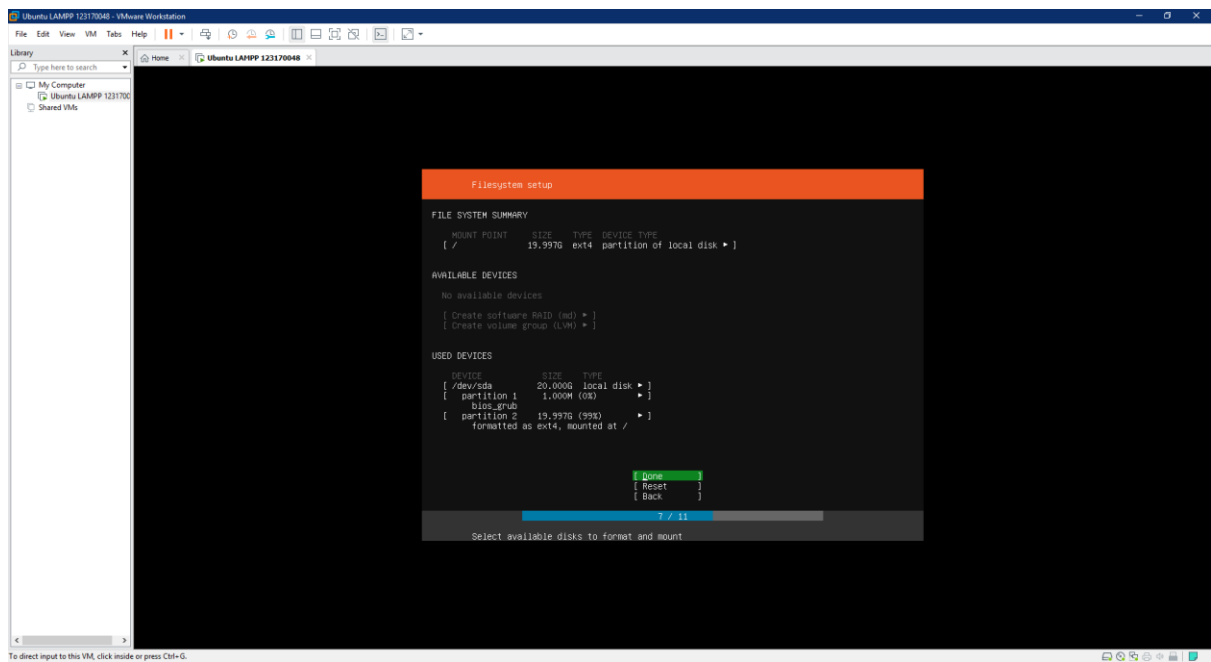
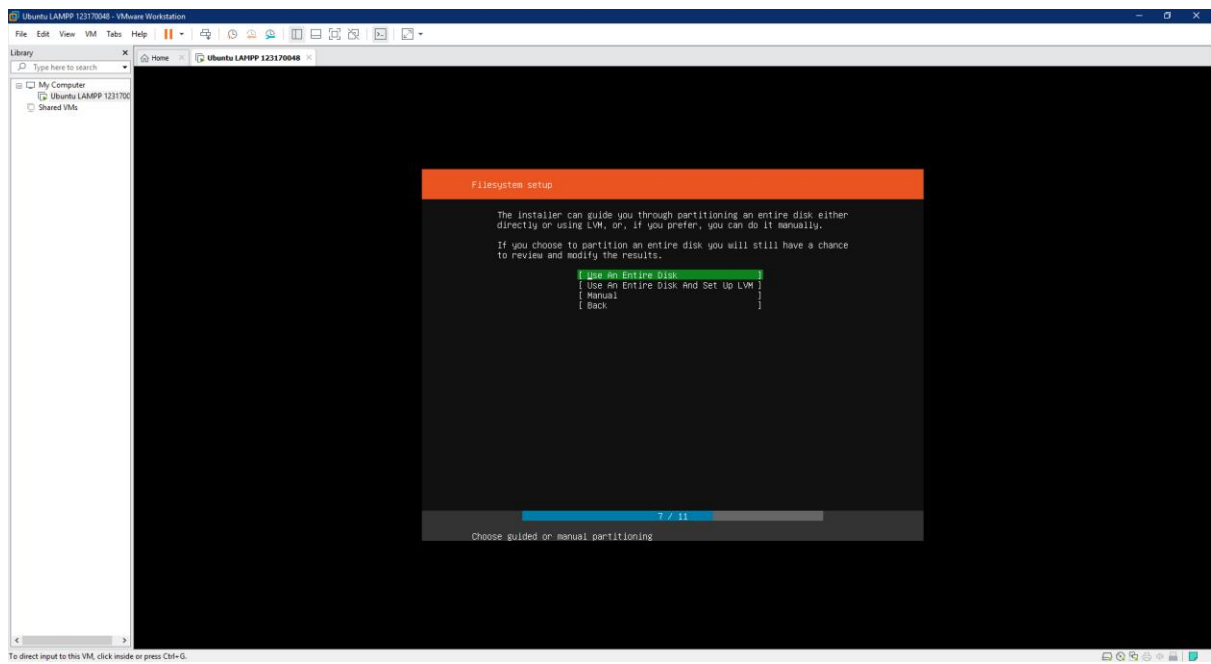
Creating Disk...

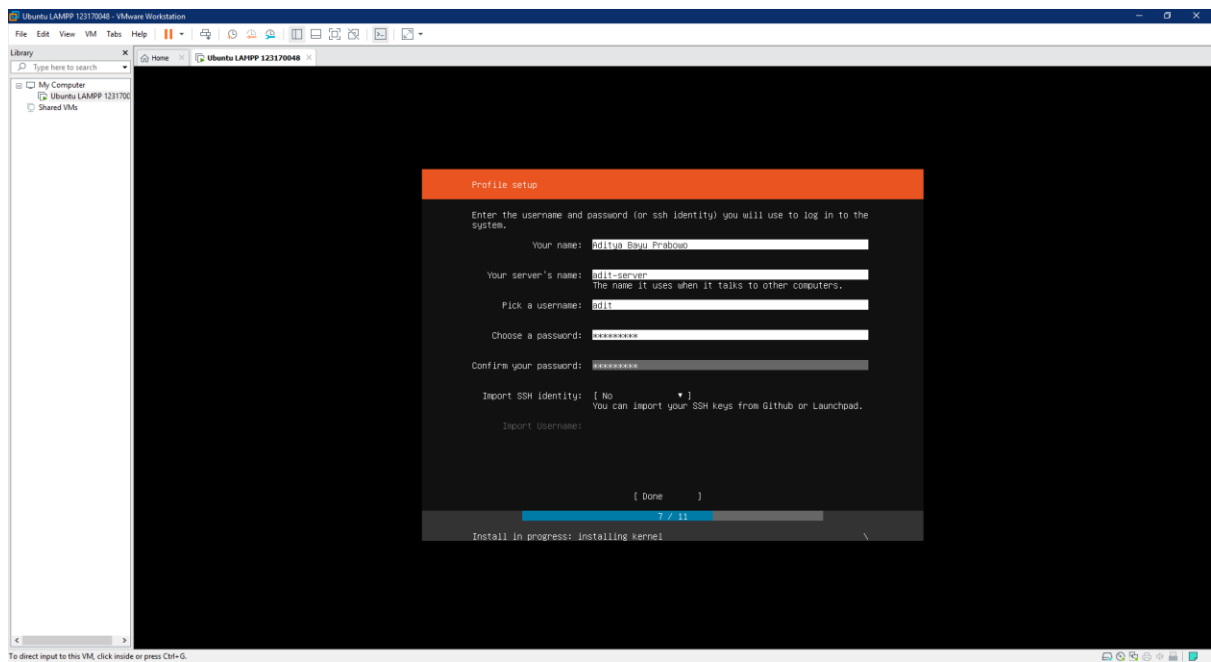
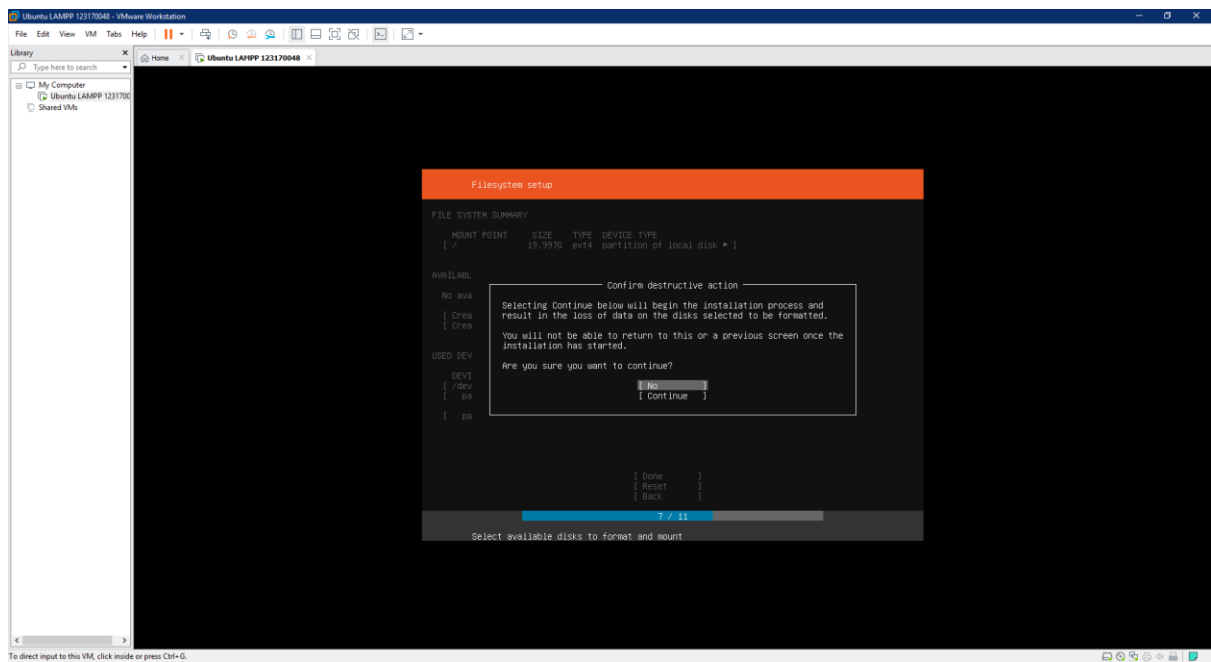
Cancel

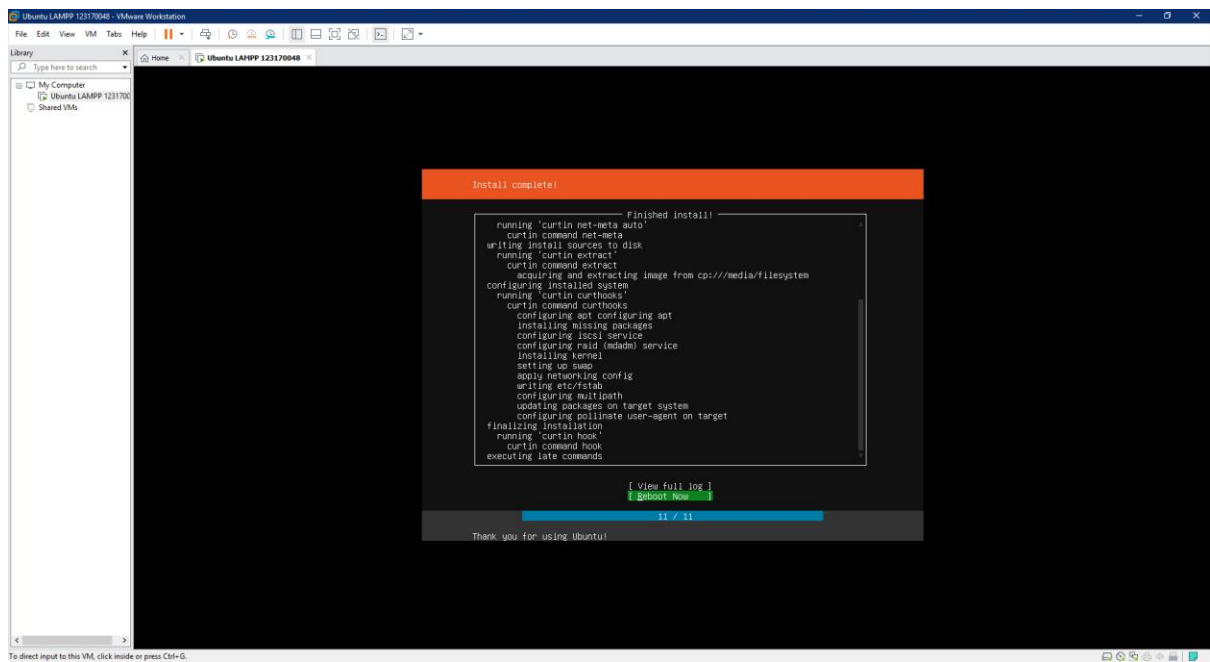
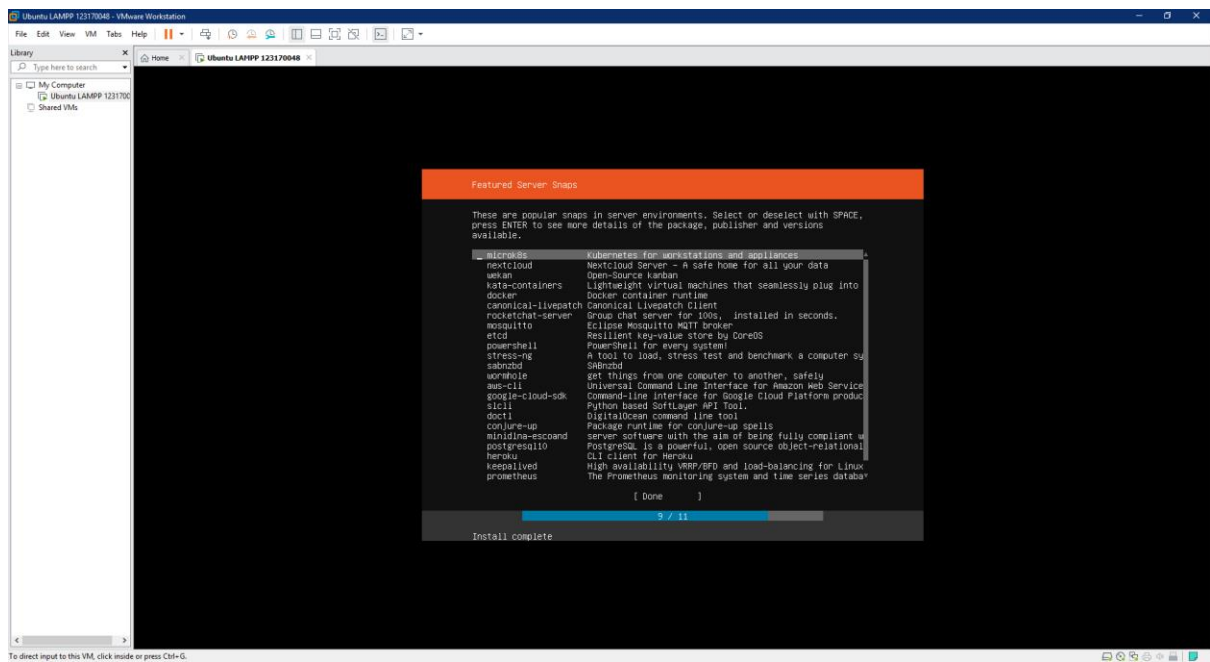












```
Ubuntu LAMP 12317008 - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to search
My Computer
  Ubuntu LAMP 1231700
  Shared VMs

[FAILED] Failed unmounting Mount unit for subiquity, revision 620.
[ ] Stopped Network Time Synchronization.
[ ] Stopped Update UTMP about System Boot/Shutdown.
[ ] Stopped Load/Save Random Seeds.
[FAILED] Failed unmounting mount unit for core, revision 5662.
[ ] Stopped Network Name Resolution.
[ ] Stopped Network Service...
[ ] Stopped Apply Kernel Variables.
[ ] Stopped Load Kernel Modules.
[ ] Stopped Create Volatile Files and Directories.
[ ] Stopped Create final runtime dir for shutdown pivot root.
[ ] Stopped target Local File System.
Starting Unattended Upgrades Shutdown...
Unmounting /tmp...
Unmounting /tmp...
Unmounting /target...
[ ] Unmounted /tmp...
[ ] Unmounted /tmp...
[ ] Stopped target Swap.
[ ] Unmounted /target.
[ ] Reached target Unmount All Filesystems.
[ ] Stopped target Local File System (Pre).
[ ] Stopped Monitoring of LVM2 mirrors, snapshots etc. using dmeventd or progress polling...
[ ] Stopped Create Static Device Nodes in /dev.
[ ] Stopped Remount Root and Kernel File Systems.
[ ] Started Unattended Upgrades Shutdown.
[ ] Reached target Shutdown.
Starting Shuts down the "live" preinstalled system cleanly...
[ ] Stopped Monitoring of LVM2 mirrors, snapshots etc. using dmeventd or progress polling.
[ ] Stopped LVM2 metadata daemon...
[ ] Stopped LVM2 metadata daemon.
Please remove the installation medium, then press ENTER:

To direct input to this VM, click inside or press Ctrl-G.
```

```
Ubuntu LAMP 12317008 - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to search
My Computer
  Ubuntu LAMP 1231700
  Shared VMs

[ ] Started Execute cloud user/final scripts.
[ ] Reached target Cloud-init target.

Ubuntu 18.10 edit-server tty1
edit-server login: edit
Password:
Welcome to Ubuntu 18.10 (GNU/Linux 4.18.0-25-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

System Information as of Fri Feb 14 07:31:19 UTC 2020

System load: 0.46          Processes: 194
Usage of /: 20.6% of 19.56GB Users logged in: 0
Memory usage: 12%         IP address for ens33: 192.168.116.100
Swap usage: 0%

183 packages can be updated.
106 updates are security updates.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

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

edit@edit-server:~$ _
```



```
adit@adit-server: ~  
Swap usage: 0%  
  
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.  
  
Last login: Fri Feb 14 07:31:19 2020  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
adit@adit-server:~$ ls  
adit@adit-server:~$ mkdir pertemuan-2  
adit@adit-server:~$ ls -l  
total 4  
drwxrwxr-x 2 adit adit 4096 Feb 14 07:37 pertemuan-2  
adit@adit-server:~$
```

```
adit@adit-server: ~  
Swap usage: 0%  
  
183 packages can be updated.  
106 updates are security updates.  
  
Your Ubuntu release is not supported anymore.  
For upgrade information, please visit:  
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adit@adit-server:~$ ls  
adit@adit-server:~$ mkdir pertemuan-2  
adit@adit-server:~$ ls -l  
total 4  
drwxrwxr-x 2 adit adit 4096 Feb 14 07:37 pertemuan-2  
adit@adit-server:~$ cp -r pertemuan-2 pertemuan-1  
adit@adit-server:~$
```

- Fungsi cp yaitu mengurutkan directory file

```
adit@adit-server: ~  
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.  
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adit@adit-server:~$ mkdir pertemuan-2  
adit@adit-server:~$ ls -l  
total 4  
drwxrwxr-x 2 adit adit 4096 Feb 14 07:37 pertemuan-2  
adit@adit-server:~$ cp -r pertemuan-2 pertemuan-1  
adit@adit-server:~$ ls  
pertemuan-1  pertemuan-2  
adit@adit-server:~$
```

- Fungsi ls yaitu menampilkan directory file yang ada

```
adit@adit-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.  
  
Last login: Fri Feb 14 07:31:19 2020  
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adit@adit-server:~$ mkdir pertemuan-2  
adit@adit-server:~$ ls -l  
total 4  
drwxrwxr-x 2 adit adit 4096 Feb 14 07:37 pertemuan-2  
adit@adit-server:~$ cp -r pertemuan-2 pertemuan-1  
adit@adit-server:~$ ls  
pertemuan-1  pertemuan-2  
adit@adit-server:~$ cd "pertemuan-2/  
>
```

```
adit@adit-server: ~/pertemuan-2

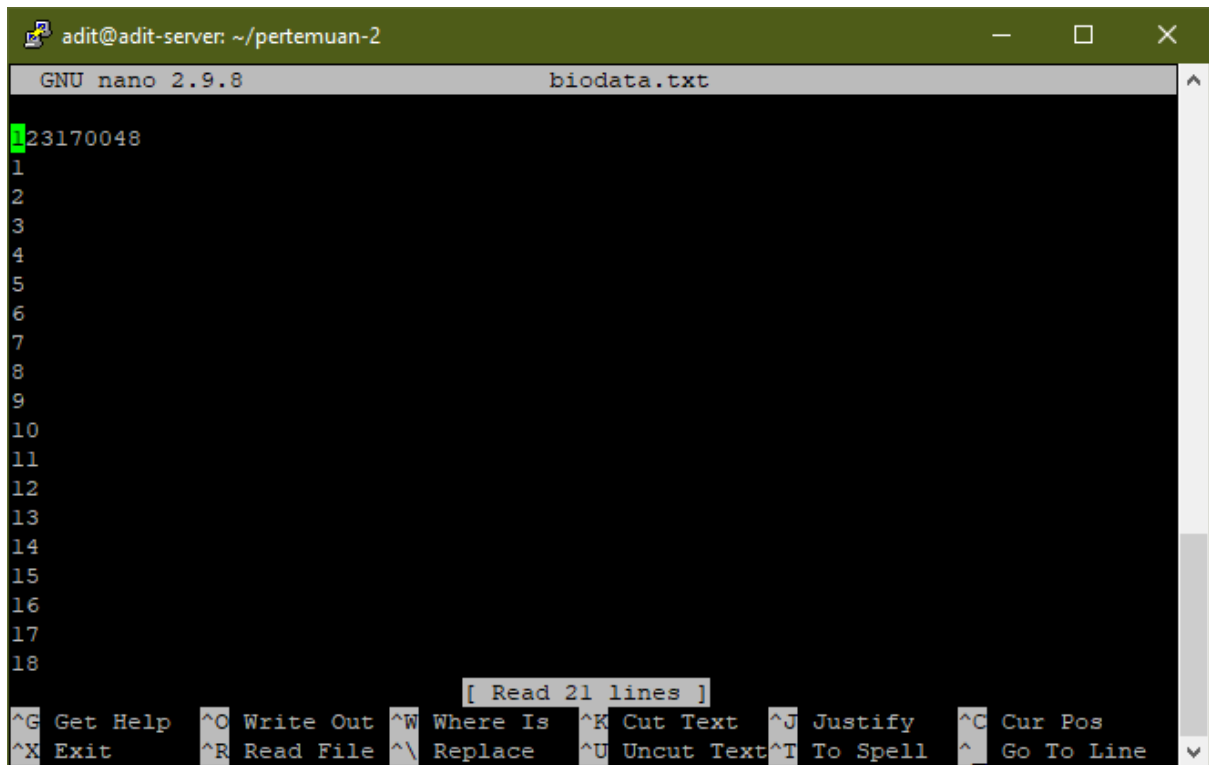
Last login: Fri Feb 14 07:31:19 2020
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

adit@adit-server:~$ ls
adit@adit-server:~$ mkdir pertemuan-2
adit@adit-server:~$ ls -l
total 4
drwxrwxr-x 2 adit adit 4096 Feb 14 07:37 pertemuan-2
adit@adit-server:~$ cp -r pertemuan-2 pertemuan-1
adit@adit-server:~$ ls
pertemuan-1  pertemuan-2
adit@adit-server:~$ cd "pertemuan-2/"
> nano biodata.txt
> cd .
> ^C^C
adit@adit-server:~$ cd pertemuan-2/
adit@adit-server:~/pertemuan-2$ nano biodata.txt
adit@adit-server:~/pertemuan-2$ ls -l
total 4
-rw-rw-r-- 1 adit adit 10 Feb 14 07:44 biodata.txt
adit@adit-server:~/pertemuan-2$
```

```
adit@adit-server: ~/pertemuan-2

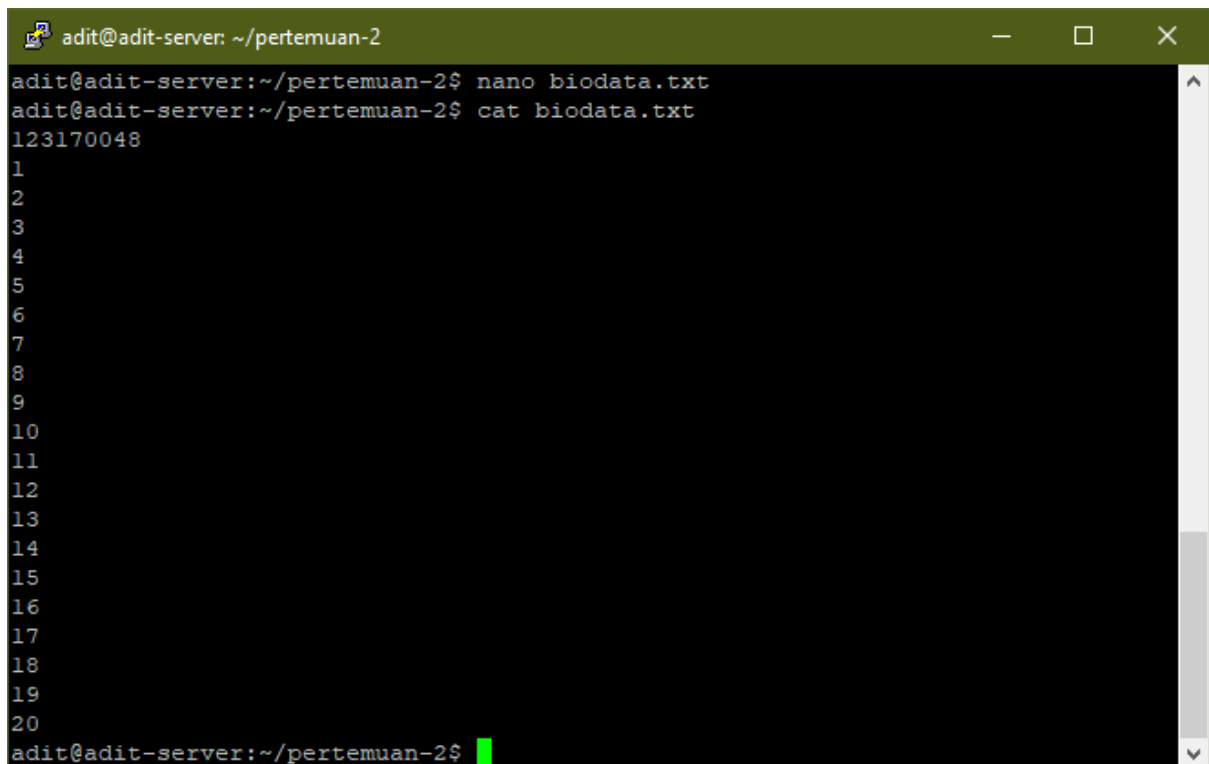
Last login: Fri Feb 14 07:31:19 2020
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

adit@adit-server:~$ ls
adit@adit-server:~$ mkdir pertemuan-2
adit@adit-server:~$ ls -l
total 4
drwxrwxr-x 2 adit adit 4096 Feb 14 07:37 pertemuan-2
adit@adit-server:~$ cp -r pertemuan-2 pertemuan-1
adit@adit-server:~$ ls
pertemuan-1  pertemuan-2
adit@adit-server:~$ cd "pertemuan-2/"
> nano biodata.txt
> cd .
> ^C^C
adit@adit-server:~$ cd pertemuan-2/
adit@adit-server:~/pertemuan-2$ nano biodata.txt
adit@adit-server:~/pertemuan-2$ ls -l
total 4
-rw-rw-r-- 1 adit adit 10 Feb 14 07:44 biodata.txt
adit@adit-server:~/pertemuan-2$ cat biodata.txt
123170048
adit@adit-server:~/pertemuan-2$
```



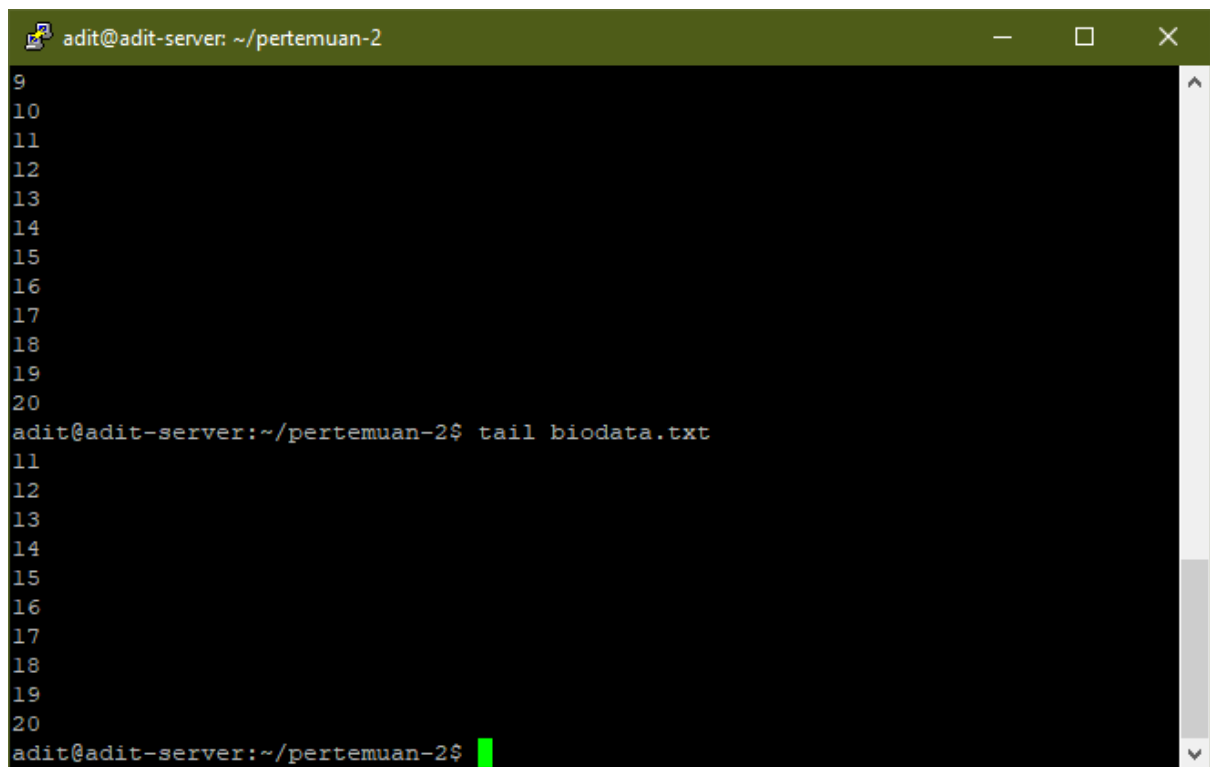
```
adit@adit-server: ~/pertemuan-2
GNU nano 2.9.8 biodata.txt
123170048
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
[ Read 21 lines ]
^G Get Help  ^O Write Out ^W Where Is  ^K Cut Text  ^J Justify   ^C Cur Pos
^X Exit      ^R Read File ^\ Replace   ^U Uncut Text ^T To Spell  ^_ Go To Line
```

- Menuliskan tambahan 20 baris



```
adit@adit-server: ~/pertemuan-2
adit@adit-server:~/pertemuan-2$ nano biodata.txt
adit@adit-server:~/pertemuan-2$ cat biodata.txt
123170048
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
adit@adit-server:~/pertemuan-2$
```

- Fungsi cat yaitu menampilkan semua data

A terminal window titled 'adit@adit-server: ~/pertemuan-2' with standard window controls. The terminal shows a list of line numbers from 9 to 20. The command 'tail biodata.txt' is entered at line 20. The output shows lines 11 through 20 of the file 'biodata.txt'. The prompt 'adit@adit-server:~/pertemuan-2\$' is followed by a green cursor.

```
9
10
11
12
13
14
15
16
17
18
19
20
adit@adit-server:~/pertemuan-2$ tail biodata.txt
11
12
13
14
15
16
17
18
19
20
adit@adit-server:~/pertemuan-2$
```

- Fungsi tail yaitu menampilkan 10 baris terakhir