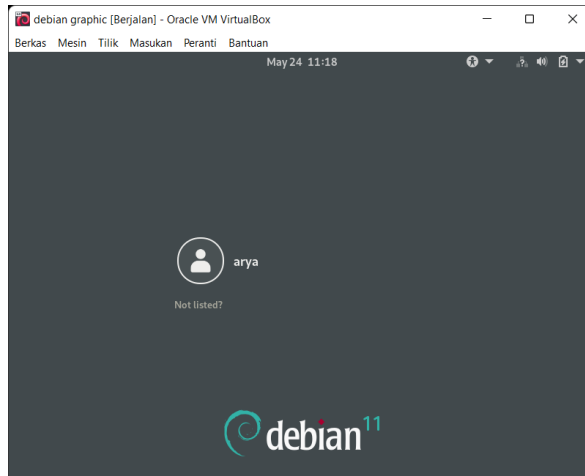
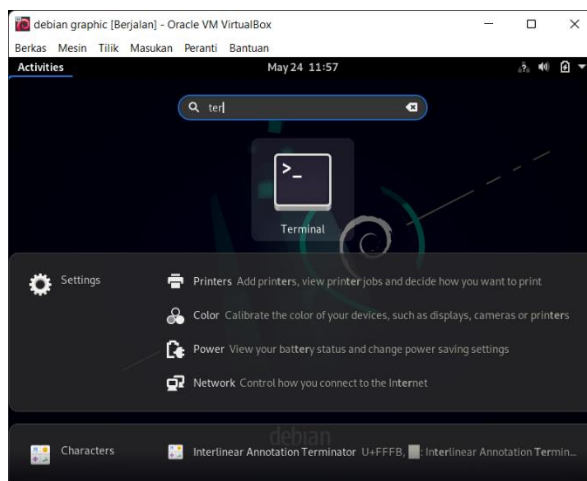


Setting Repository

1. Buka Debian, lalu masukan password account Debian kalian



2. buka terminal di debian



3. Jika sudah di dalam terminal, ketik “su” dan masukan password root

```
arya@debian:~$ su
Password:
root@debian:/home/arya#
```

4. Ketik “ping google.com” lalu enter, dan untuk menghentikan tulisan. Tekan “Ctrl+c”

```

root@debian:/home/arya# ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast state DOWN group default qlen 1000
    link/ether 08:00:27:7f:46:f7 brd ff:ff:ff:ff:ff:ff
    inet 192.168.26.28/24 brd 192.168.26.255 scope global enp0s3
        valid_lft forever preferred_lft forever

```

5. ketik “apt-get update”, jika sudah ketik “nano /etc/apt/source.list”

```

root@debian:/home/arya# apt-get update
Err:1 http://deb.debian.org/debian bullseye InRelease
  Could not resolve 'deb.debian.org'
Err:2 http://security.debian.org/debian-security bullseye-security InRelease
  Could not resolve 'security.debian.org'
Err:3 http://deb.debian.org/debian bullseye-updates InRelease
  Could not resolve 'deb.debian.org'
Reading package lists... Done
W: Failed to fetch http://deb.debian.org/debian/dists/bullseye/InRelease Could not resolve 'deb.debian.org'
W: Failed to fetch http://security.debian.org/debian-security/dists/bullseye-security/InRelease Could not resolve 'security.debian.org'
W: Failed to fetch http://deb.debian.org/debian/dists/bullseye-updates/InRelease Could not resolve 'deb.debian.org'
W: Some index files failed to download. They have been ignored, or old ones used instead.

```

6. Kemudian cari data debian di

link <https://www.linuxsec.org/2020/11/daftar-repository-lokal-indonesia.html>.

```
# deb cdrom:[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 NETINST 202108]
#deb cdrom:[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 NETINST 202108]

deb http://deb.debian.org/debian/ bullseye main
deb-src http://deb.debian.org/debian/ bullseye main

deb http://security.debian.org/debian-security bullseye-security main
deb-src http://security.debian.org/debian-security bullseye-security main

# bullseye-updates, to get updates before a point release is made;
# see https://www.debian.org/doc/manuals/debian-reference/ch02.en.html#_updates
deb http://deb.debian.org/debian/ bullseye-updates main
deb-src http://deb.debian.org/debian/ bullseye-updates main

# This system was installed using small removable media
# (e.g. netinst, live or single CD). The matching "deb cdrom"
# entries were disabled at the end of the installation process.
# For information about how to configure apt package sources,
# see the sources.list(5) manual.

[ Read 21 lines ]
^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^_ Go To Line
```

7. Jika sudah ketik data dari link tersebut, jika tampilannya sudah seperti di bawah, tekan “Ctrl+X lalu Ctrl+Y dan tekan enter”

```
deb-src http://deb.debian.org/debian/ bullseye main

deb http://security.debian.org/debian-security bullseye-security main
deb-src http://security.debian.org/debian-security bullseye-security main

# bullseye-updates, to get updates before a point release is made;
# see https://www.debian.org/doc/manuals/debian-reference/ch02.en.html#_updates
deb http://deb.debian.org/debian/ bullseye-updates main
deb-src http://deb.debian.org/debian/ bullseye-updates main

# This system was installed using small removable media
# (e.g. netinst, live or single CD). The matching "deb cdrom"
# entries were disabled at the end of the installation process.
# For information about how to configure apt package sources,
# see the sources.list(5) manual.
deb http://mirror.unej.ac.id/debian/ buster main contrib non-free
deb http://mirror.unej.ac.id/debian/ buster-updates main contrib non free
deb http://mirror.unej.ac.id/debian-security/ buster-updates main contrib non f>
```

8. Lalu ketik “apt upgrade” dan enter, jika muncul pertanyaan Y/n jawab y dan enter. Jika sudah maka tampilannya akan seperti ini

```

/etc/kernel/postinst.d/zz-update-grub:
Generating grub configuration file ...
Found background image: /usr/share/images/desktop-base/desktop-grub.png
Found linux image: /boot/vmlinuz-5.10.0-12-amd64
Found initrd image: /boot/initrd.img-5.10.0-12-amd64
Found linux image: /boot/vmlinuz-5.10.0-11-amd64
Found initrd image: /boot/initrd.img-5.10.0-11-amd64
Found linux image: /boot/vmlinuz-5.10.0-8-amd64
Found initrd image: /boot/initrd.img-5.10.0-8-amd64
done
Setting up libsasl2-2:amd64 (2.1.27+dfsg-2.1+deb11u1) ...
Setting up libwebkit2gtk-4.0-37:amd64 (2.34.6-1~deb11u1) ...
Setting up firefox-esr (91.7.0esr-1~deb11u1) ...
Setting up gir1.2-webkit2-4.0:amd64 (2.34.6-1~deb11u1) ...
Setting up linux-image-amd64 (5.10.103-1) ...
Processing triggers for mailcap (3.69) ...
Processing triggers for desktop-file-utils (0.26-1) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for gnome-menus (3.36.0-1) ...
Processing triggers for libc-bin (2.31-13+deb11u2) ...
Processing triggers for man-db (2.9.4-2) ...
root@debian:/home/arya# █

```

9. Ketik perintah “apt-get install ssh” kemudian jika ada pertanyaan, lakukan cara yang sama yaitu dengan menjawab “Y” lalu “enter”

```

Found background image: /usr/share/images/desktop-base/desktop-grub.png
Found linux image: /boot/vmlinuz-5.10.0-12-amd64
Found initrd image: /boot/initrd.img-5.10.0-12-amd64
Found linux image: /boot/vmlinuz-5.10.0-11-amd64
Found initrd image: /boot/initrd.img-5.10.0-11-amd64
Found linux image: /boot/vmlinuz-5.10.0-8-amd64
Found initrd image: /boot/initrd.img-5.10.0-8-amd64
done
Setting up libsasl2-2:amd64 (2.1.27+dfsg-2.1+deb11u1) ...
Setting up libwebkit2gtk-4.0-37:amd64 (2.34.6-1~deb11u1) ...
Setting up firefox-esr (91.7.0esr-1~deb11u1) ...
Setting up gir1.2-webkit2-4.0:amd64 (2.34.6-1~deb11u1) ...
Setting up linux-image-amd64 (5.10.103-1) ...
Processing triggers for mailcap (3.69) ...
Processing triggers for desktop-file-utils (0.26-1) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for gnome-menus (3.36.0-1) ...
Processing triggers for libc-bin (2.31-13+deb11u2) ...
Processing triggers for man-db (2.9.4-2) ...
root@debian:/home/arya# apt-get install ssh
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:

```

10. Ketik perintah “nano /etc/ssh/ssh_config” kemudian enter. Jika sudah, maka tampilannya seperti ini, kemudian cari “# Port 22” lalu hapus tanda pagar nya. Kemudian jika sudah tekan Crl+X lalu Y lalu enter

11. Lalu ketik perintah “systemctl restart ssh” dan enter.
Kemudian ketik perintah “systemctl status ssh” Lalu tekan enter
12. Ketik “ip -c a” dan akan muncul tampilan seperti ini.

```
root@debian:/home/arya# systemctl restart ssh
Failed to restart ssh.service: Unit ssh.service not found.
root@debian:/home/arya# ssh service
ssh: Could not resolve hostname service: Name or service not known
root@debian:/home/arya# systemctl status ssh
Unit ssh.service could not be found.
root@debian:/home/arya# ip-c a
bash: ip-c: command not found
root@debian:/home/arya# ip-c
bash: ip-c: command not found
root@debian:/home/arya# ip -c a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast state DOWN group default qlen 1000
    link/ether 08:00:27:7f:46:f7 brd ff:ff:ff:ff:ff:ff
    inet 192.168.26.28/24 brd 192.168.26.255 scope global enp0s3
        valid_lft forever preferred_lft forever
root@debian:/home/arya#
```

13. Lalu ketik “nano /etc/network/interfaces”. Kemudian enter,lalu akan ada tampilan seperti ini, Kemudian ketik “auto enp0s3” sampai ke bawah (diisi sesuai dengan IP Laptop kalian), Jika sudah tekan Crl+X lalu Y lalu enter.

```
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback
auto enp0s3
iface enp0s3 inet static
    address 192.168.26.28
    subnetmask 255.255.255.0
    gateway 192.168.26.192
```

[Read 13 lines]

^G Help	^O Write Out	^W Where Is	^K Cut	^T Execute	^C Location
^X Exit	^R Read File	^_ Replace	^U Paste	^J Justify	^_ Go To Line

14. Kemudia cek ping jaringan di terminal dengan cara, ketik
“ping (ip kalian)” enter

```
root@debian:/home/arya# ping 192.168.26.28
PING 192.168.26.28 (192.168.26.28) 56(84) bytes of data.
64 bytes from 192.168.26.28: icmp_seq=1 ttl=64 time=0.019 ms
64 bytes from 192.168.26.28: icmp_seq=2 ttl=64 time=0.044 ms
64 bytes from 192.168.26.28: icmp_seq=3 ttl=64 time=0.043 ms
64 bytes from 192.168.26.28: icmp_seq=4 ttl=64 time=0.040 ms
64 bytes from 192.168.26.28: icmp_seq=5 ttl=64 time=0.055 ms
64 bytes from 192.168.26.28: icmp_seq=6 ttl=64 time=0.038 ms
^C
--- 192.168.26.28 ping statistics ---
6 packets transmitted, 6 received, 0% packet loss, time 5079ms
rtt min/avg/max/mdev = 0.019/0.039/0.055/0.010 ms
root@debian:/home/arya# █
```