# LAPORAN PRAKTIKUM
# SISTEM OPERASI

Disusun oleh :

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**PROGRAM STUDI TEKNIK INFROMATIKA**

**FAKULTAS KOMUNIKASI DAN INFORMATIKA**

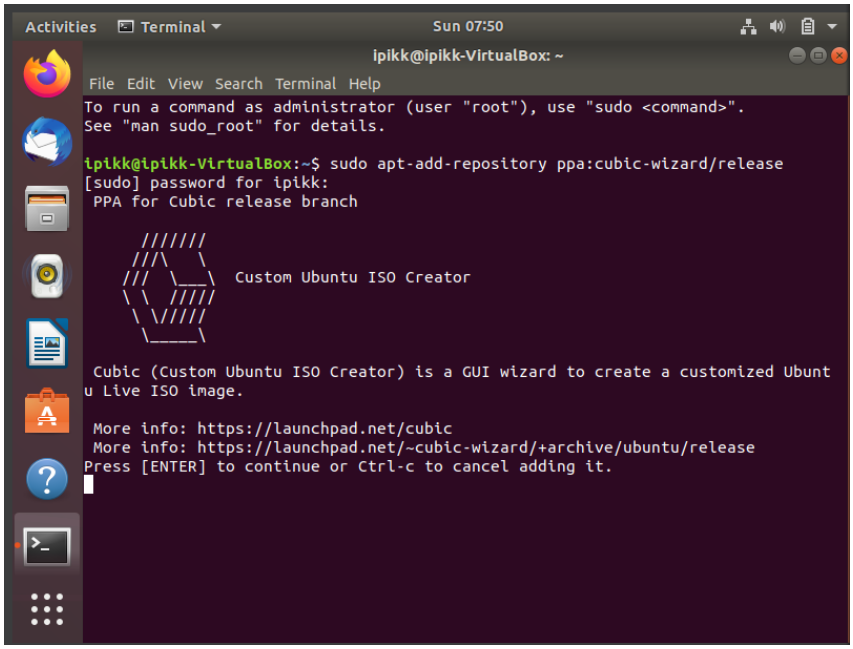
**UNIVERSITAS MUHAMMADIYAH SURAKARTA**

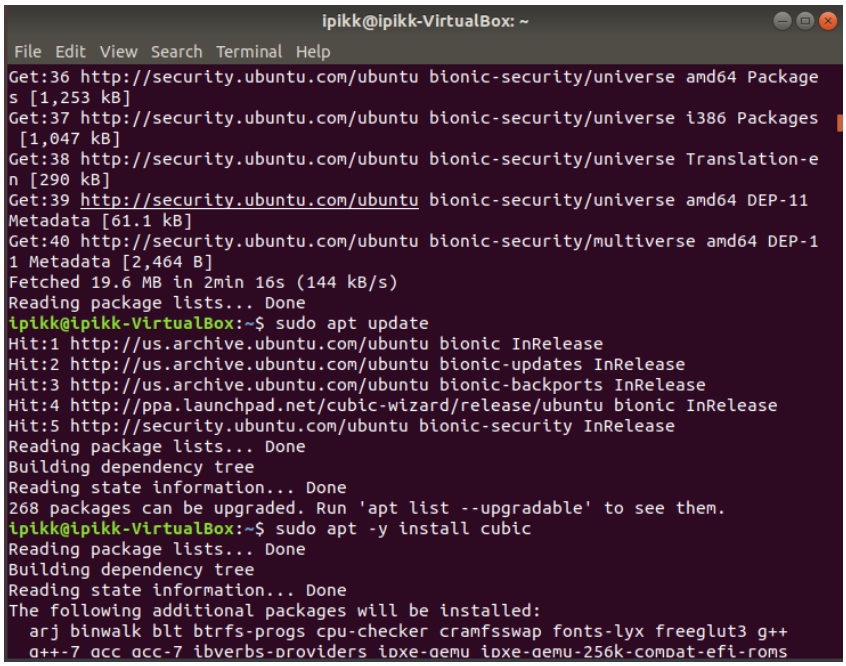
**TAHUN 2022/2023**

**Lembar Kerja Modul 12**

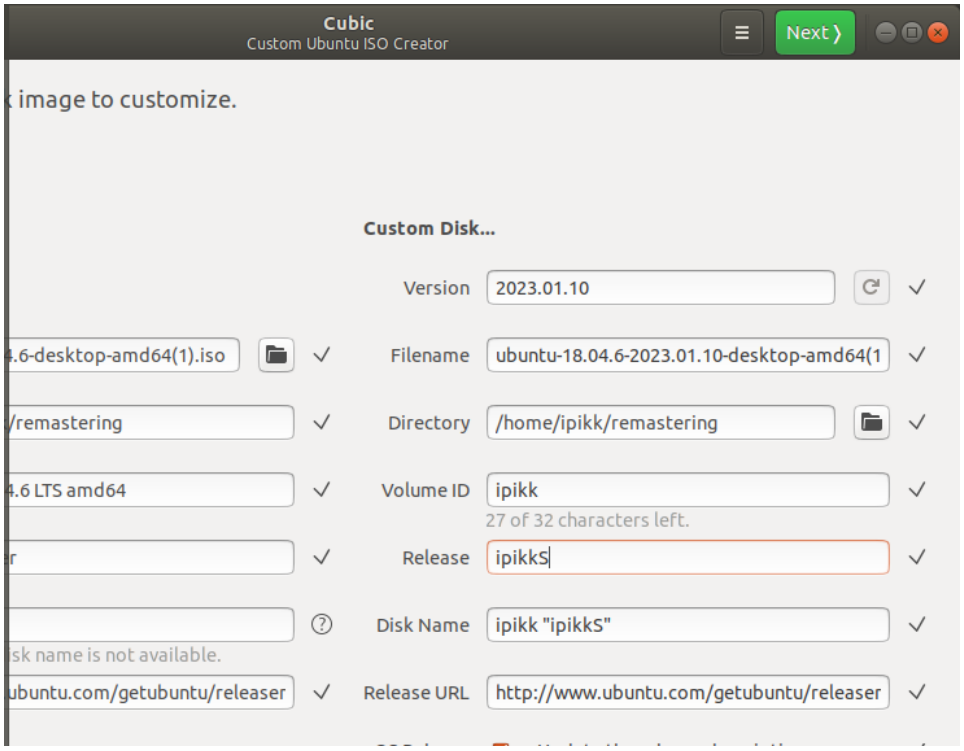
| | | |
|---|---|---|
| Nama | : Irvianti Dwityara Sany | Nilai Praktek : |
| NIM | : L200210251 | |
| Nama Asisten | : | Tanda Tangan : |
| Tanggal Praktikum | : Selasa, 3 Januari 2023 | |

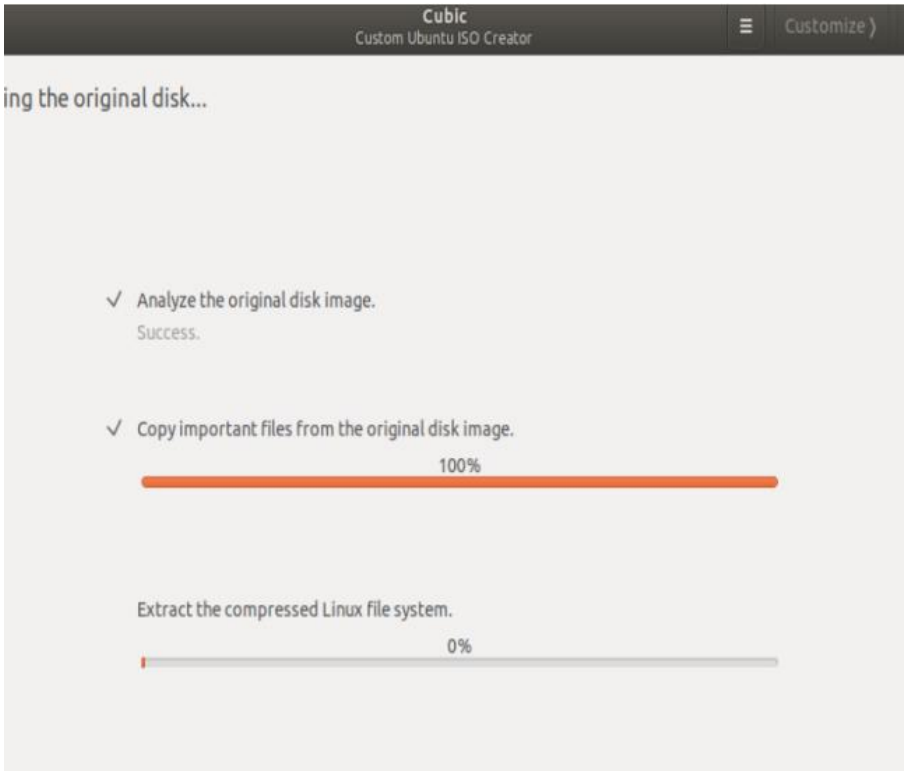
1. Melakukan install cubic dan update aplikasi



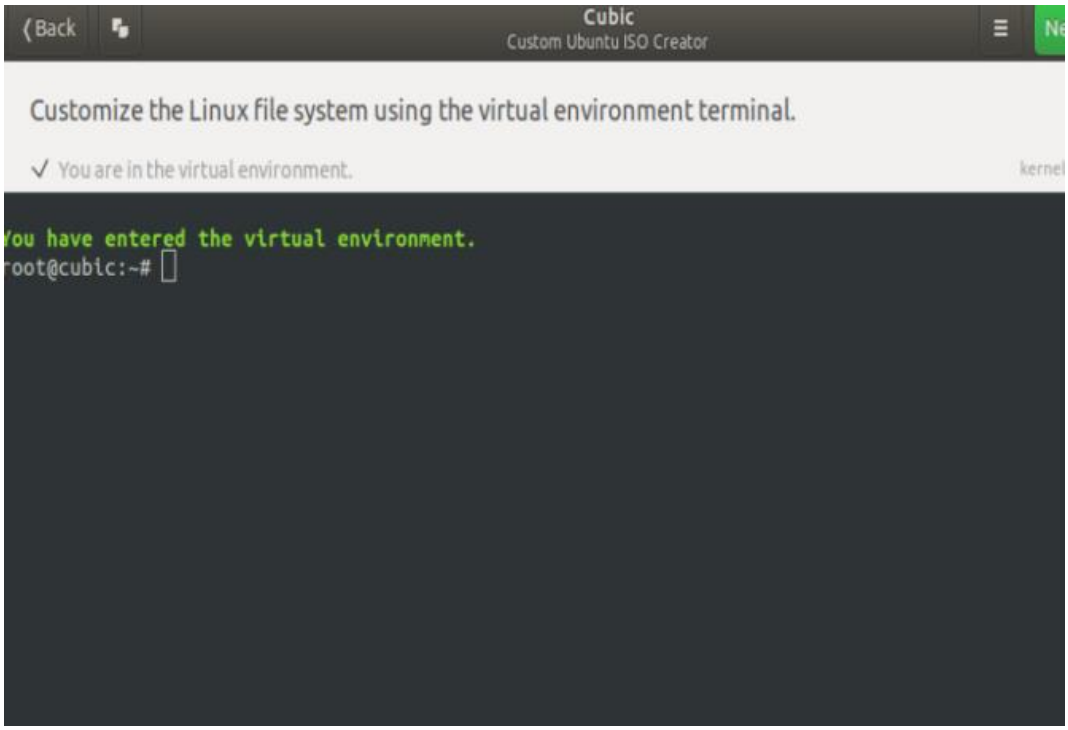



2. Menjalankan cubic dan memasukan file iso ubuntu untuk diremastering






3. Masuk ke virtual environment



4. Menginstall GIMP

```
root@cubic:~# apt install gimp
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  gimp-data i965-va-driver libaacs0 libamd2 libavcodec57 libavformat57 libavutil55 libbabl-0.1-0
  libbdplus0 libbluray2 libcamd2 libccolamd2 libcholmod3 libchromaprint1 libcrystalhd3 libgegl-0.3-0
  libgimp2.0 libgme0 libgsm1 libmetis5 libmng2 libopenjp2-7 libopenmpt0 libsdl1.2debian libshine3
  libsnappy1v5 libsoxr0 libssh-gcrypt-4 libswresample2 libswscale4 libumfpack5 libva-drm2 libva-x11-2
  libva2 libvdpau1 libx264-152 libx265-146 libxvidcore4 libzvbi-common libzvbi0 mesa-va-drivers
  mesa-vdpau-drivers python-cairo python-gobject-2 python-gtk2 va-driver-all vdpau-driver-all
Suggested packages:
  gimp-help-en | gimp-help gimp-data-extras i965-va-driver-shaders libbluray-bdj firmware-crystalhd
  python-gobject-2-dbg python-gtk2-doc libvdpau-va-gl1 nvidia-vdpau-driver
  nvidia-legacy-340xx-vdpau-driver
The following NEW packages will be installed:
  gimp gimp-data i965-va-driver libaacs0 libamd2 libavcodec57 libavformat57 libavutil55 libbabl-0.1-0
  libbdplus0 libbluray2 libcamd2 libccolamd2 libcholmod3 libchromaprint1 libcrystalhd3 libgegl-0.3-0
  libgimp2.0 libgme0 libgsm1 libmetis5 libmng2 libopenjp2-7 libopenmpt0 libsdl1.2debian libshine3
  libsnappy1v5 libsoxr0 libssh-gcrypt-4 libswresample2 libswscale4 libumfpack5 libva-drm2 libva-x11-2
  libva2 libvdpau1 libx264-152 libx265-146 libxvidcore4 libzvbi-common libzvbi0 mesa-va-drivers
  mesa-vdpau-drivers python-cairo python-gobject-2 python-gtk2 va-driver-all vdpau-driver-all
0 upgraded, 48 newly installed, 0 to remove and 301 not upgraded.
Need to get 30.7 MB of archives.
After this operation, 187 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu bionic/universe amd64 libmng2 amd64 2.0.2-0ubuntu3 [169 kB]
Get:2 http://security.ubuntu.com/ubuntu bionic-security/universe amd64 libavutil55 amd64 7:3.4.11-0ubun
```

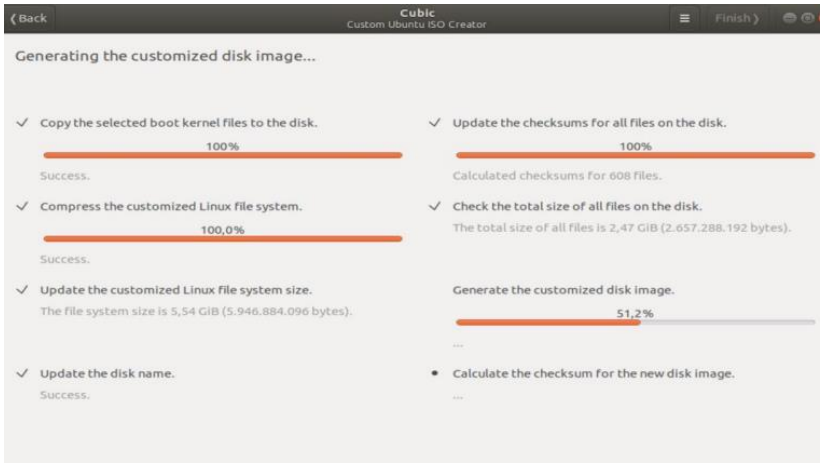
5. Mengganti background

```
ipikk@ipikk-VirtualBox:~$ gsettings set org.gnome.desktop.background picture-ur
i file://home/remastering/backgroundbaru.png
ipikk@ipikk-VirtualBox:~$
```

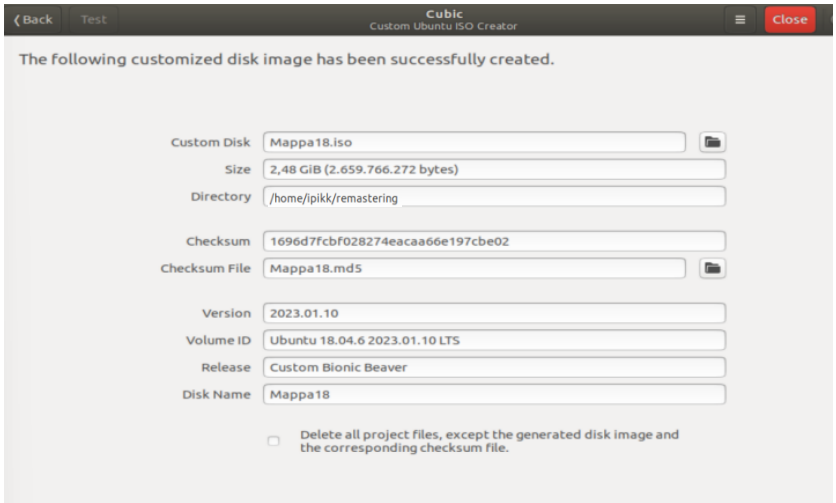
6. Setting apps autoremove

7. Mengubah kernel

8. Menunggu proses




9. Hasil Remastering




```
ipikk@ipikk-VirtualBox:~$ ls cubic/
backgroundbaru.png  custom-disk  Mappa18.iso  partition-1.img
cubic.conf          custom-root  Mappa18.md5  ubuntu-18.04.6-desktop-amd64.iso
ipikk@ipikk-VirtualBox:~$
```