

PENGANTAR TELEKOMUNIKASI



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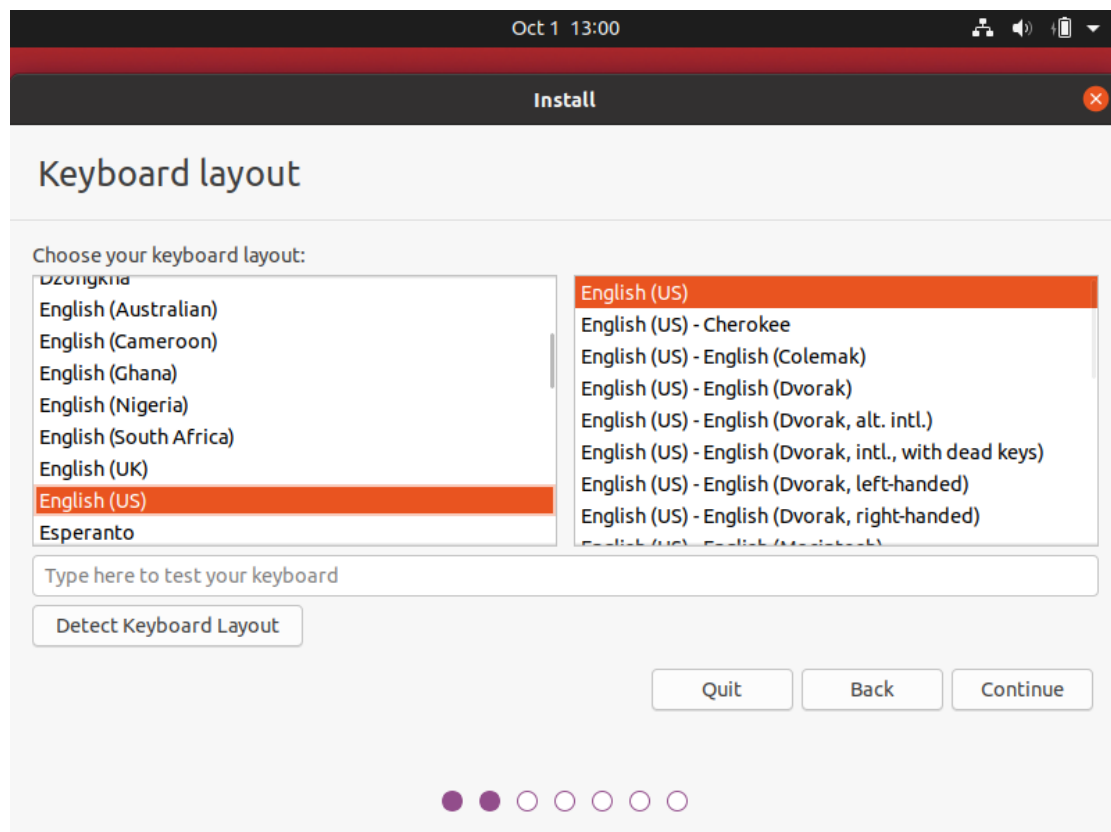
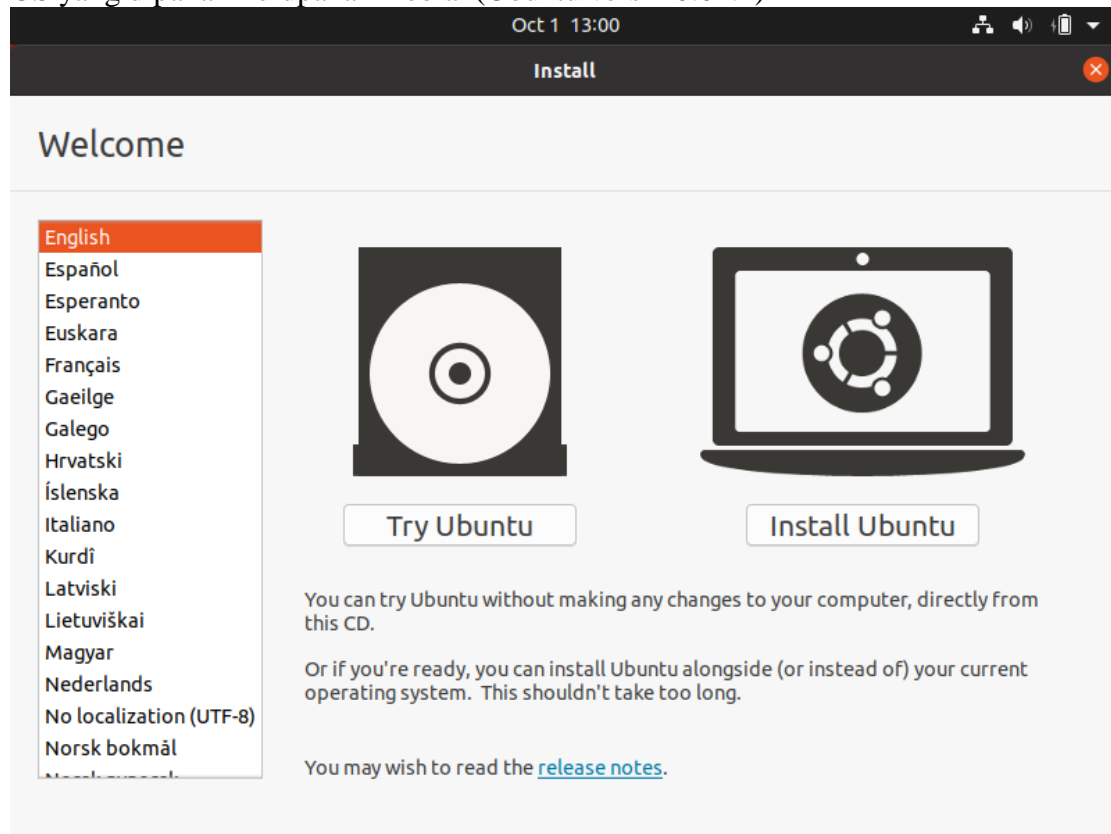
FAKULTAS ILMU KOMPUTER

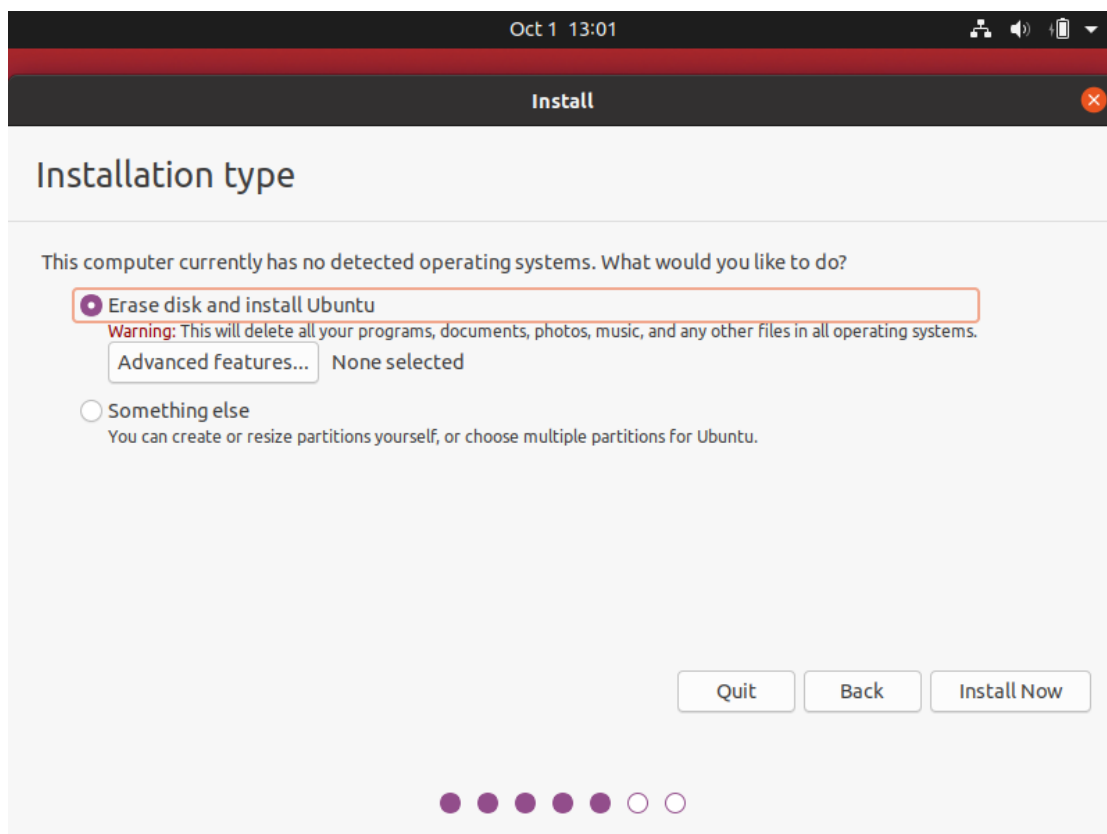
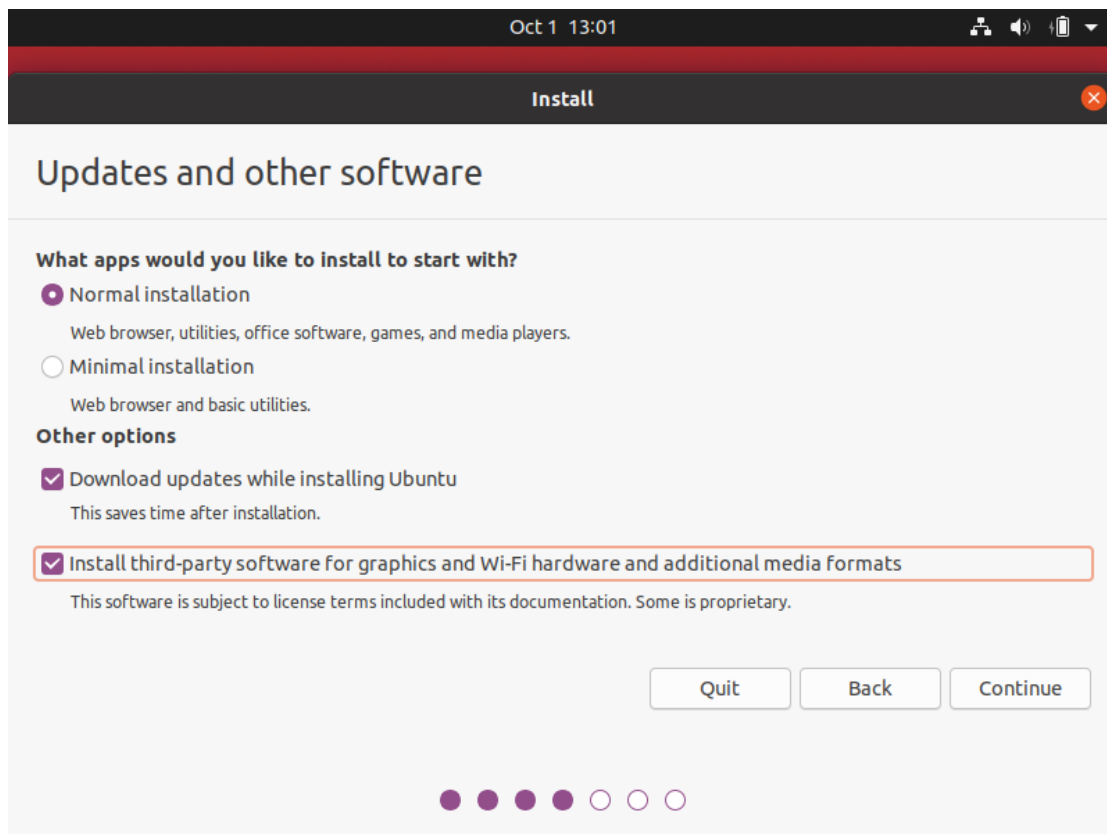
UNIVERSITAS SRIWIJAYA

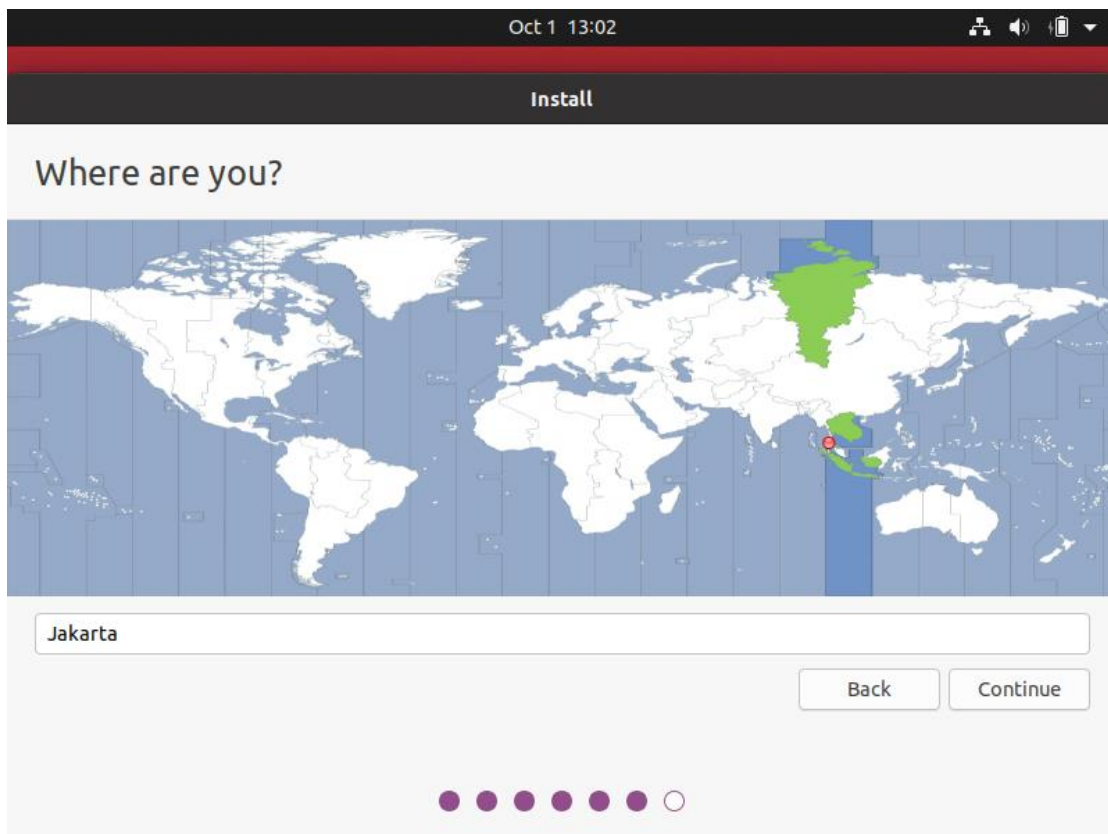
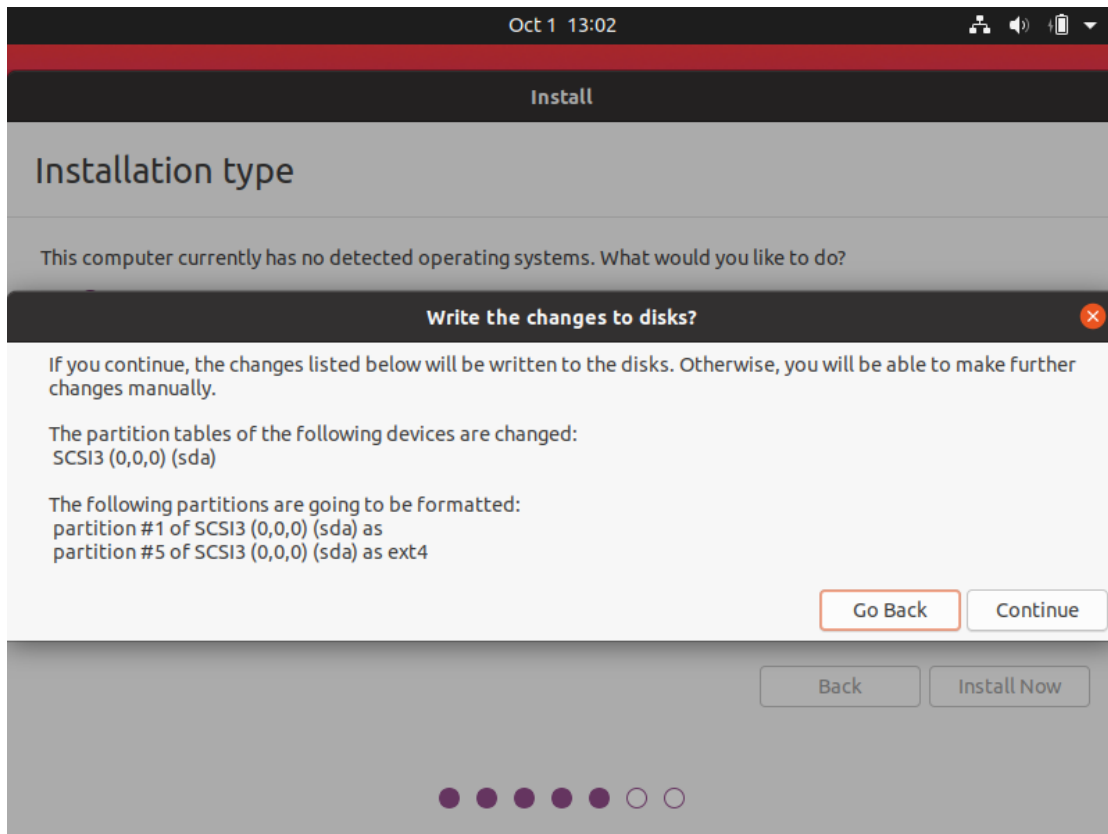
2020/2021

1.Installasi Sistem Operasi Linux

OS yang dipakai merupakan Debian(Ubuntu versi 20.04.1)







Oct 1 20:03

Install

Who are you?

Your name:

Realdi

✓

Your computer's name:

realdi-VirtualBox

✓

The name it uses when it talks to other computers.

Pick a username:

realdi

✓

Choose a password:

●●●●●●●●

Fair password

Confirm your password:

●●●●●●●●

✓

☐ Log in automatically

☒ Require my password to log in

Back

Continue

●●●●●●●●

Oct 1 20:04

Install

Find even more software


Say goodbye to searching the web for new software. With access to the Snap Store and the Ubuntu software archive, you can find and install new apps with ease. Just type in what you're looking for, or explore categories such as Graphics & Photography, Games and Productivity, alongside helpful reviews from other users.

All

installed

Updates

Featured Applications

 **VLC**
The ultimate media player

Categories

Audio & Video

Communication & News

Productivity

Games

Graphics & Photography

Add-ons

Editor's Picks

youtube-dl
★★★★★

OpenRA
★★★★★

Notepad-Plus...
★★★★★

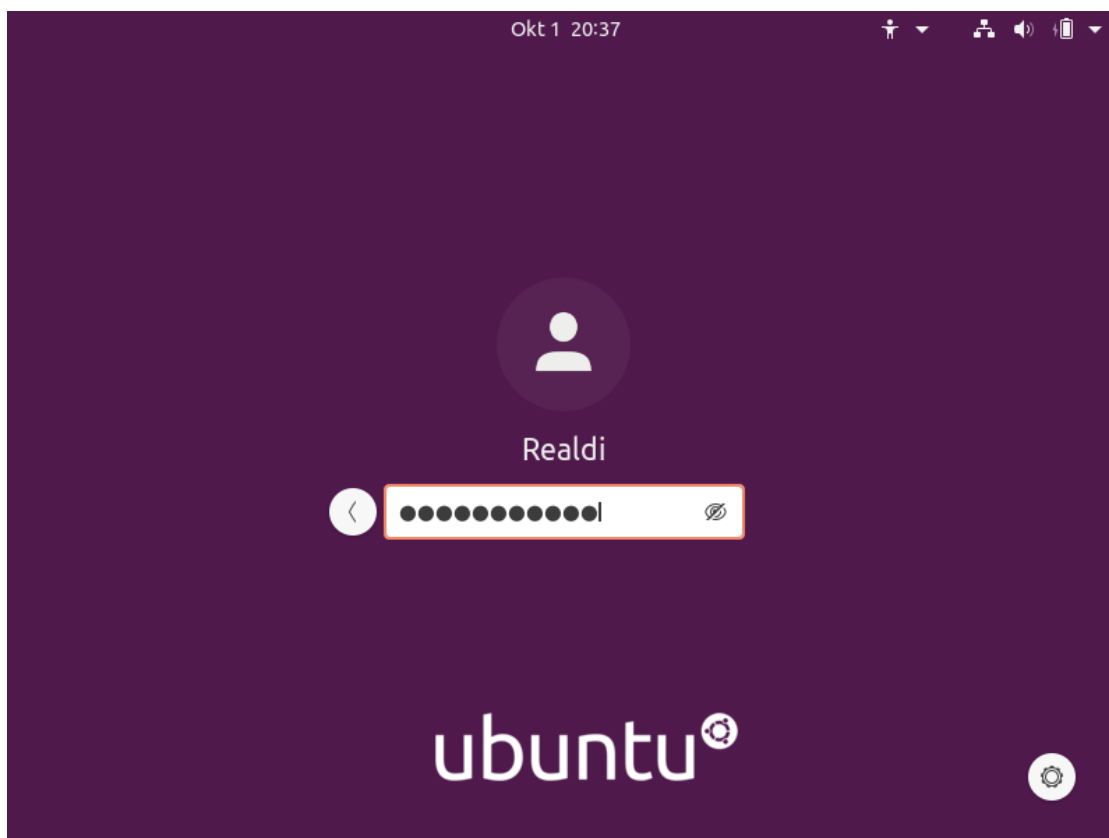
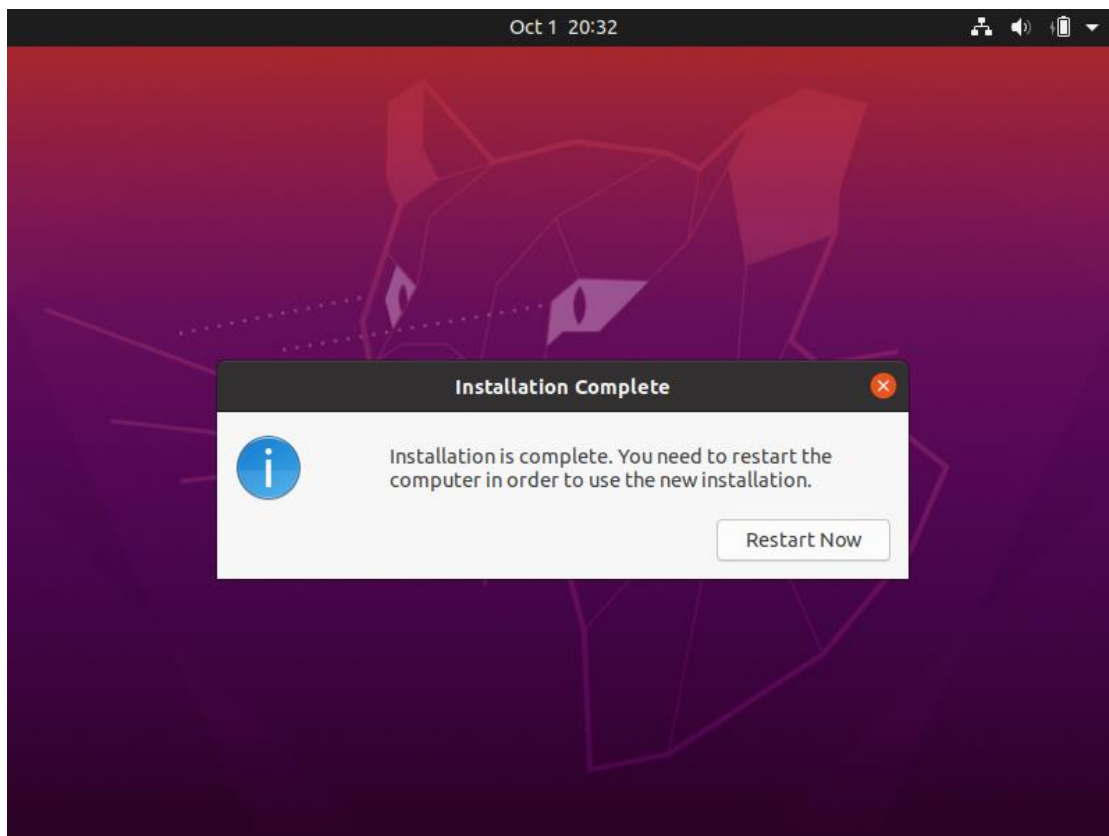
Audacity
★★★★★

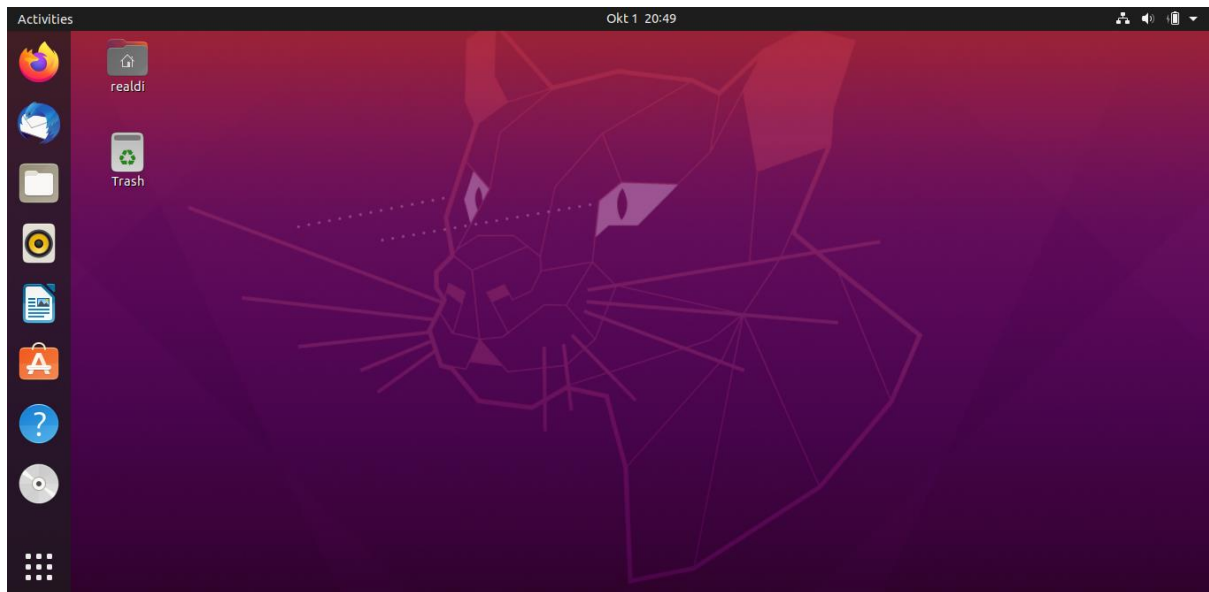
Firefox
★★★★★

Recent Releases

► Copying files...

Skip






Install SSH dan allow firewall

```
server@server:~$ sudo apt install openssh-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
openssh-server is already the newest version (1:8.2p1-4ubuntu0.1).
0 upgraded, 0 newly installed, 0 to remove and 240 not upgraded.
server@server:~$ sudo ufw app list
Available applications:
  CUPS
  OpenSSH
server@server:~$ sudo ufw allow OpenSSH
Skipping adding existing rule
Skipping adding existing rule (v6)
server@server:~$ sudo ufw enable
Firewall is active and enabled on system startup
server@server:~$ sudo ufw status
Status: active

To Action From
--
OpenSSH ALLOW Anywhere
8080 ALLOW Anywhere
Anywhere ALLOW 192.168.5.14
OpenSSH (v6) ALLOW Anywhere (v6)
8080 (v6) ALLOW Anywhere (v6)
```

Install XAMPP

Download XAMPP pada <https://www.apachefriends.org/download.html>

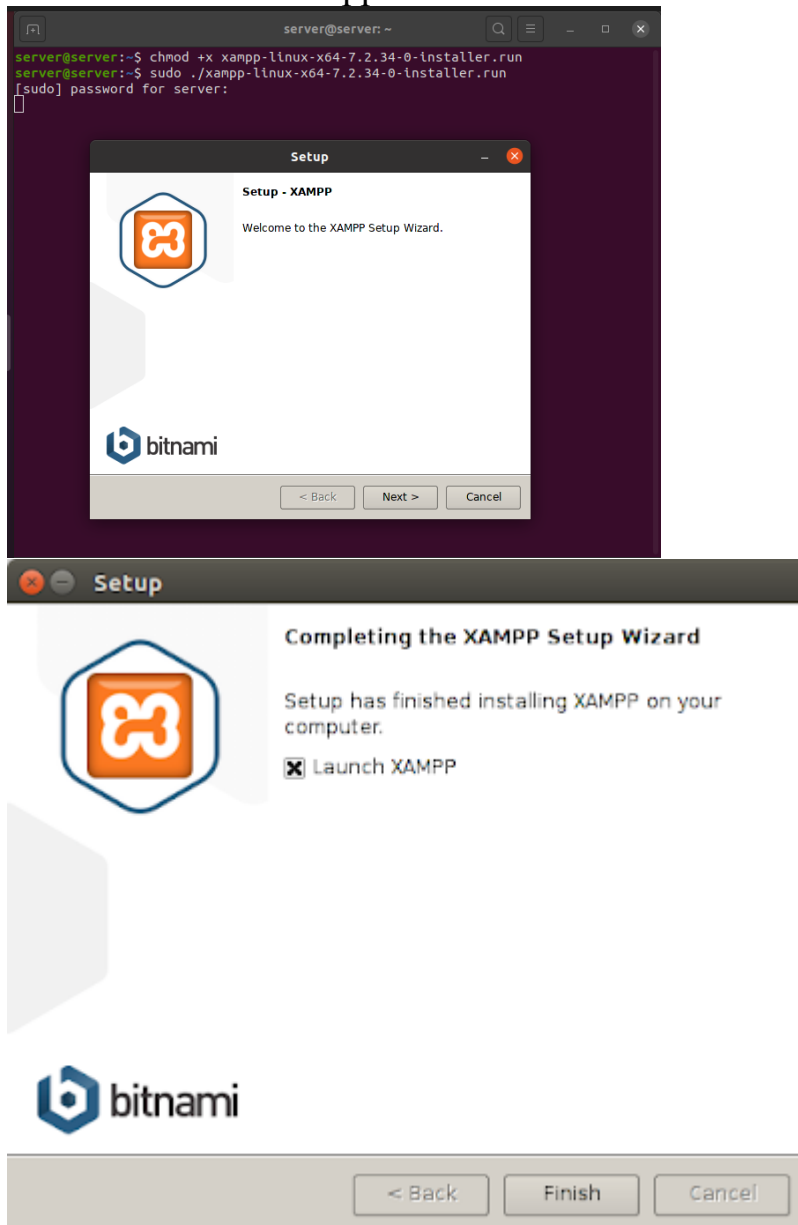


XAMPP for Linux & 7.3.25

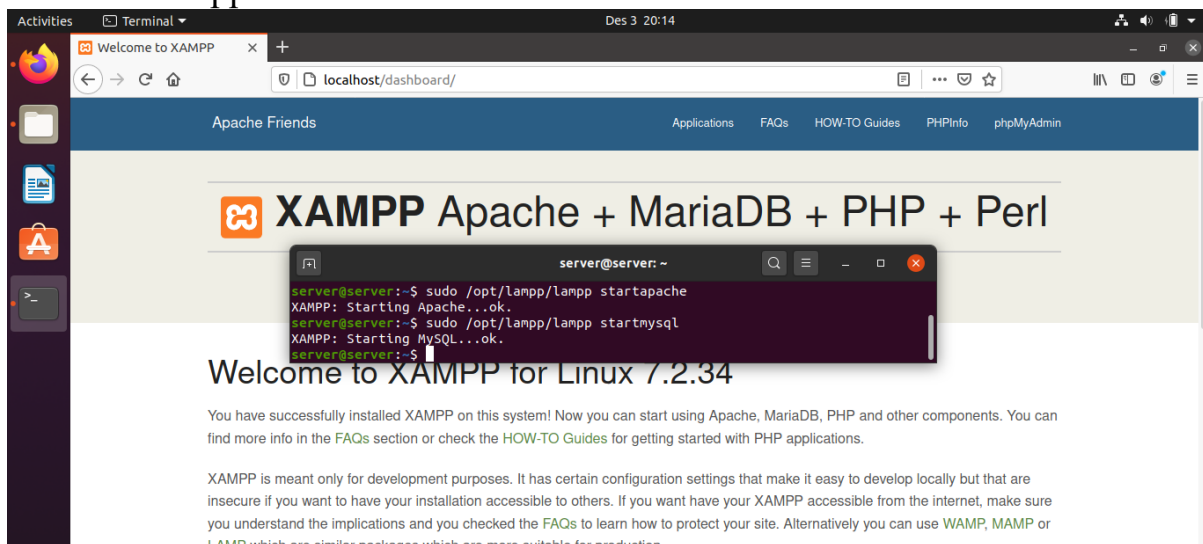
Version	Checksum	Size
7.3.25 / PHP 7.3.25	What's Included? md5 sha1	Download (64 bit) 150 Mb

[Requirements](#) [Add-ons](#) [More Downloads »](#)

Lakukan instalasi xampp



Jalankan xampp



Connect ssh (IP 192.168.5.14)

```
server@server: ~  
server@server:~$ ifconfig  
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
    inet 192.168.5.14 netmask 255.255.255.0 broadcast 192.168.5.255  
    inet6 fe80::a1b:f073:e0b2:4815 prefixlen 64 scopeid 0x20<link>  
    ether 08:00:27:33:13:da txqueuelen 1000 (Ethernet)  
    RX packets 3138 bytes 1374414 (1.3 MB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 3189 bytes 369518 (369.5 KB)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
enp0s8: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
    inet 10.0.3.15 netmask 255.255.255.0 broadcast 10.0.3.255  
    inet6 fe80::8dde:f708:4cab:dd02 prefixlen 64 scopeid 0x20<link>  
    ether 08:00:27:c7:7d:9e txqueuelen 1000 (Ethernet)  
    RX packets 199 bytes 47339 (47.3 KB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 275 bytes 25425 (25.4 KB)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536  
    inet 127.0.0.1 netmask 255.0.0.0  
    inet6 ::1 prefixlen 128 scopeid 0x10<host>  
    loop txqueuelen 1000 (Local Loopback)  
    RX packets 1124 bytes 228165 (228.1 KB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 1124 bytes 228165 (228.1 KB)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
server@server:~$
```

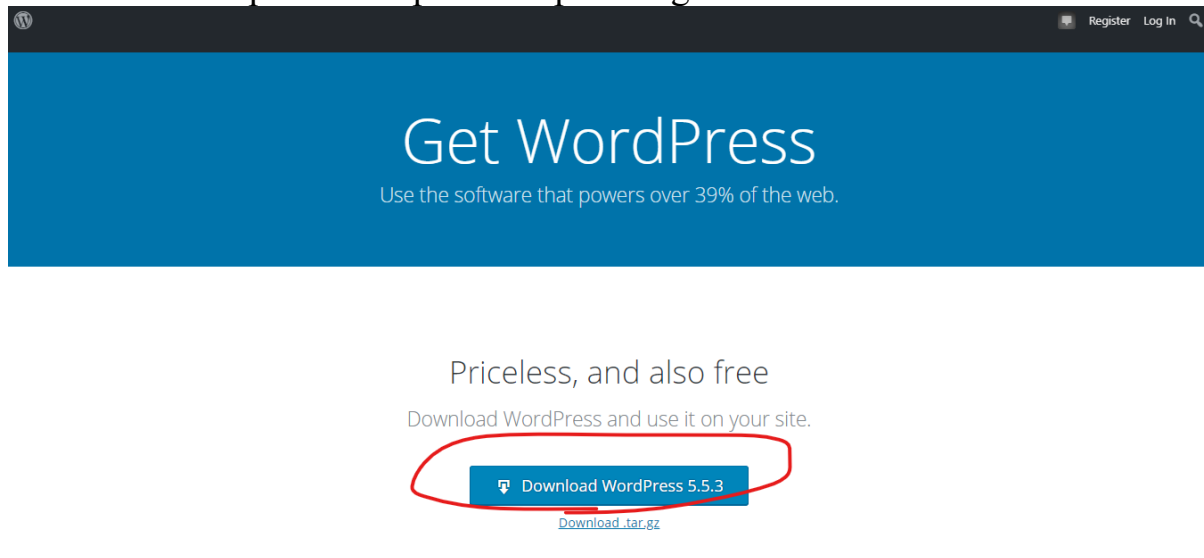
Melalui linux

```
server@server: ~  
TX packets 275 bytes 25425 (25.4 KB)  
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536  
    inet 127.0.0.1 netmask 255.0.0.0  
    inet6 ::1 prefixlen 128 scopeid 0x10<host>  
    loop txqueuelen 1000 (Local Loopback)  
    RX packets 1124 bytes 228165 (228.1 KB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 1124 bytes 228165 (228.1 KB)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
server@server:~$ ssh server@192.168.5.14  
The authenticity of host '192.168.5.14 (192.168.5.14)' can't be established.  
ECDSA key fingerprint is SHA256:1Xcc1HQTrmGRST/0v9cDmtIO+8pYZDYUHEUXikuNUa0.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added '192.168.5.14' (ECDSA) to the list of known hosts.  
server@192.168.5.14's password:  
Welcome to Ubuntu 20.04.1 LTS (GNU/Linux 5.4.0-56-generic x86_64)  
  
 * Documentation:  https://help.ubuntu.com  
 * Management:    https://landscape.canonical.com  
 * Support:       https://ubuntu.com/advantage  
  
240 updates can be installed immediately.  
94 of these updates are security updates.  
To see these additional updates run: apt list --upgradable  
  
Your Hardware Enablement Stack (HWE) is supported until April 2025.  
Last login: Wed Dec  2 13:29:04 2020 from 192.168.5.7  
server@server:~$
```

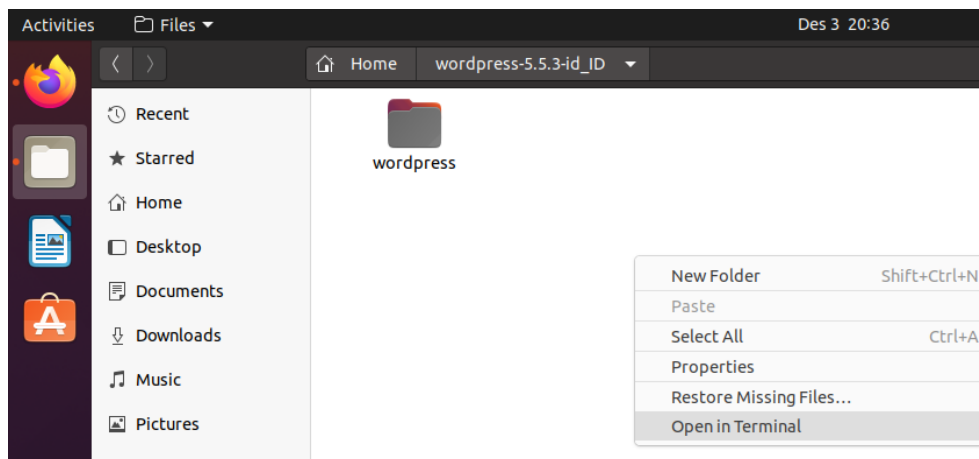
Melalui Putty (Windows)

```
server@server: ~  
login as: server  
server@192.168.5.14's password:  
Welcome to Ubuntu 20.04.1 LTS (GNU/Linux 5.4.0-56-generic x86_64)  
  
 * Documentation:  https://help.ubuntu.com  
 * Management:    https://landscape.canonical.com  
 * Support:       https://ubuntu.com/advantage  
  
240 updates can be installed immediately.  
94 of these updates are security updates.  
To see these additional updates run: apt list --upgradable  
  
Your Hardware Enablement Stack (HWE) is supported until April 2025.  
Last login: Thu Dec  3 20:29:59 2020 from 192.168.5.14  
server@server:~$
```

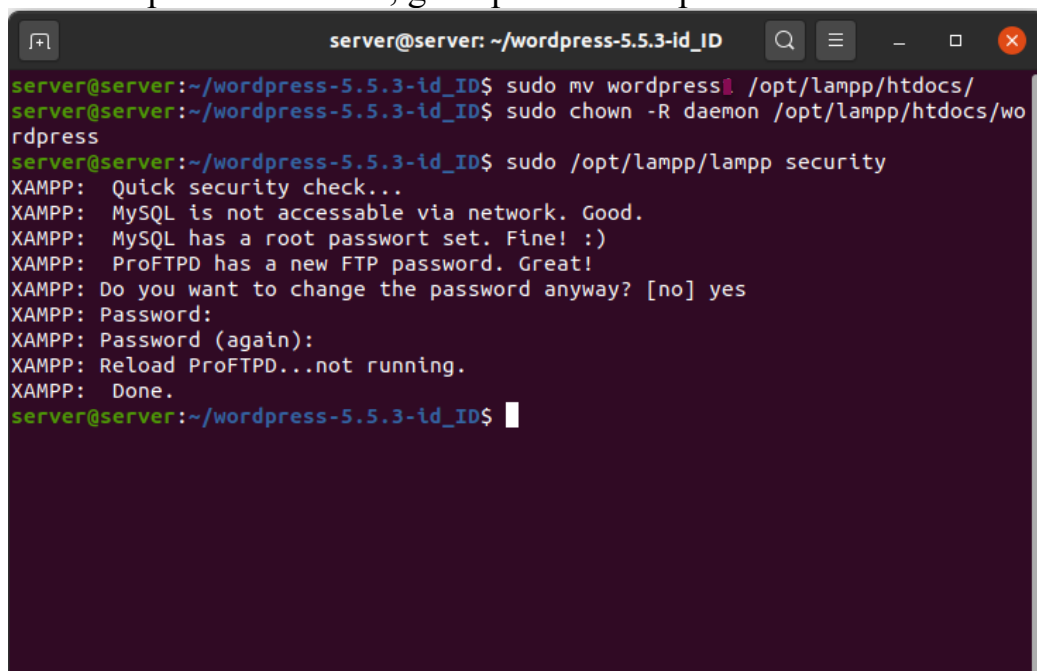
Download wordpress di <https://wordpress.org/download/>



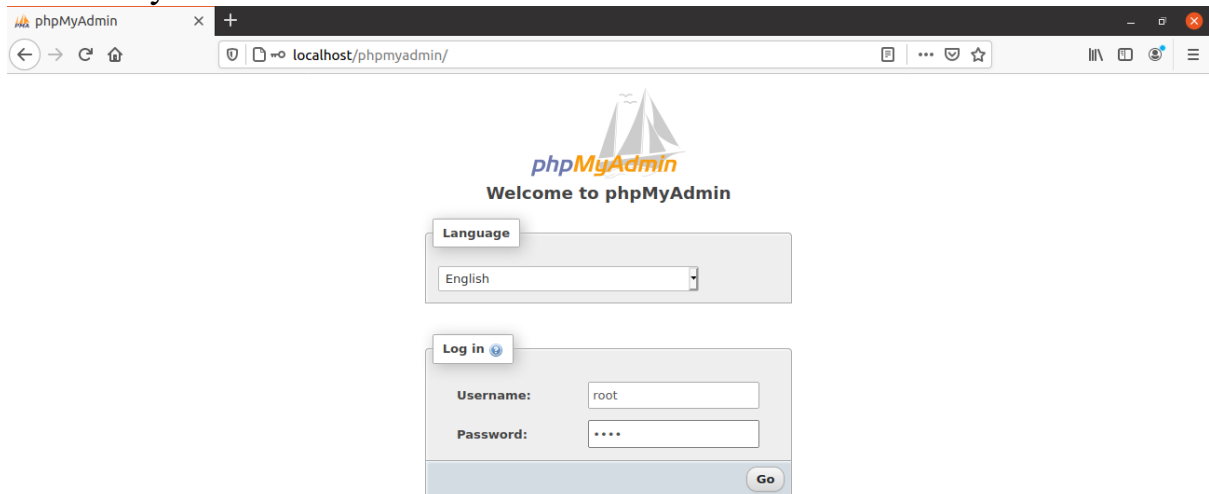
Lalu extract dan buka terminal di folder tersebut



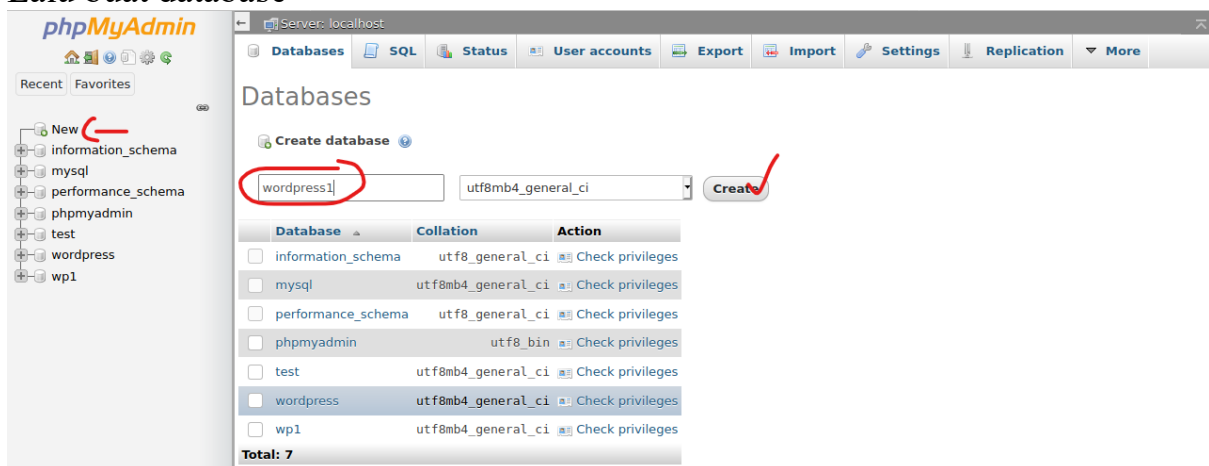
Lakukan pemindahan file, ganti pemilik dan password database



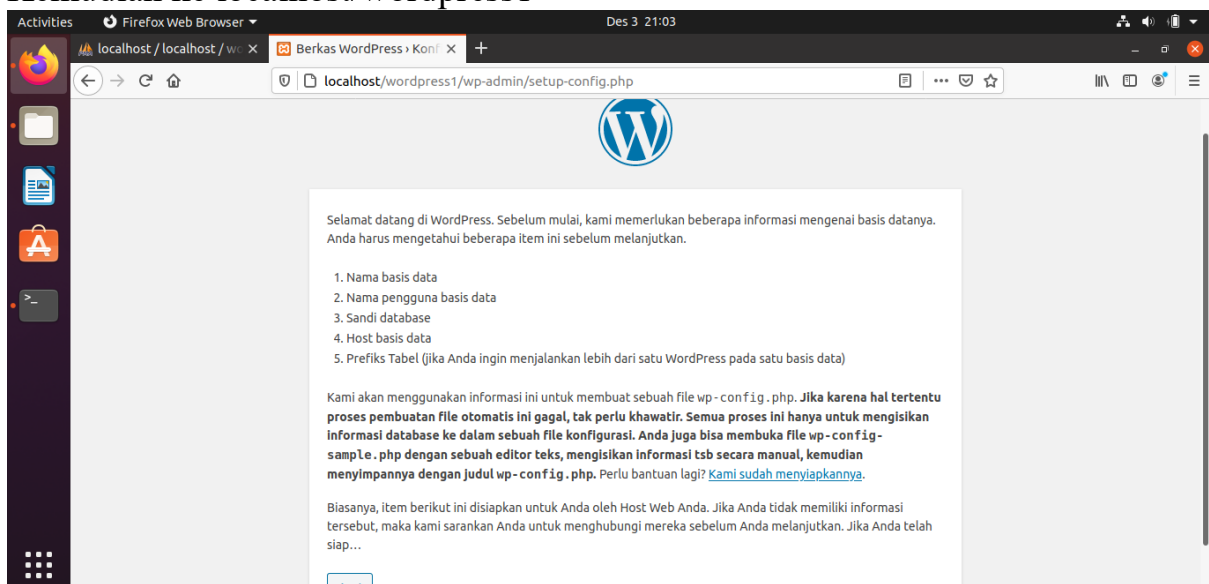
Buat database di <http://localhost/phpmyadmin> Login dengan password sebelumnya



Lalu buat database



Kemudian ke localhost/wordpress1



Isi nama basis data sesuai nama database yang baru dibuat sebelumnya
Nama pengguna root
Dan sandi sesuai dengan yang sebelumnya

Activities Firefox Web Browser Des 3 21:04

localhost / localhost / wp x Berkas WordPress > Konf x

localhost/wordpress1/wp-admin/setup-config.php?step=1&language=id_ID

WordPress

Isikan keterangan koneksi basis data Anda di bawah ini. Jika Anda tidak yakin, hubungi hosting Anda.

Nama Basis data	<input type="text" value="wordpress1"/>	Nama database yang hendak Anda gunakan dengan WordPress.
Nama Pengguna	<input type="text" value="root"/>	Username database Anda.
Sandi	<input type="text" value="root"/>	Sandi database Anda.
Host Basis data	<input type="text" value="localhost"/>	Anda mestinya bisa memperoleh info ini dari host web Anda, jika localhost gagal diterapkan.
Prefiks Tabel	<input type="text" value="wp_"/>	Jika Anda ingin menjalankan beberapa instalasi WordPress di dalam satu basis data tunggal, ubahlah di sini.

Masukan judul situs, nama user, info lainnya

Activities Firefox Web Browser Des 3 21:06

localhost / localhost / wp x Instalasi WordPress x

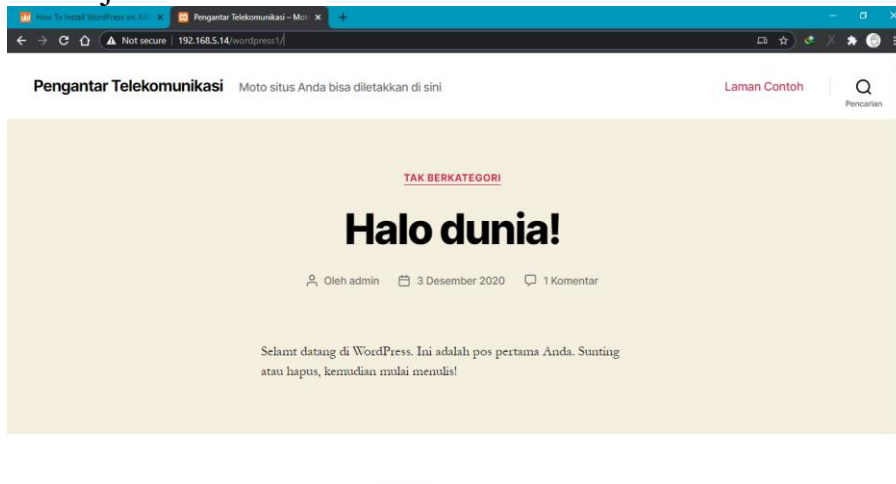
localhost/wordpress1/wp-admin/install.php?language=id_ID

Informasi yang dibutuhkan

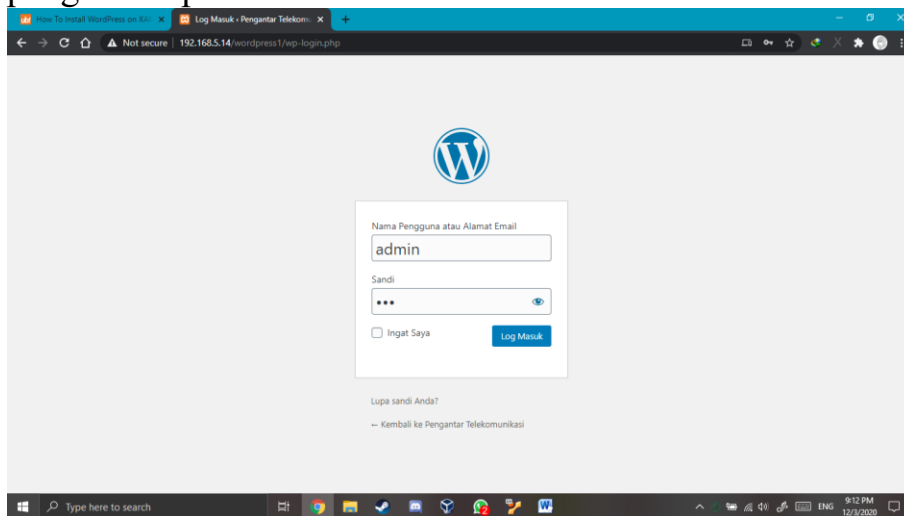
Silakan berikan informasi berikut. Jangan khawatir, Anda selalu dapat mengubah pengaturan ini nanti.

Judul Situs	<input type="text" value="Pengantar Telekomunikasi"/>
Nama Pengguna	<input type="text" value="admin"/> <small>Nama Pengguna hanya boleh berisi karakter alfanumerik (huruf dan angka), spasi, garis bawah, tanda minus, titik, dan simbol @.</small>
Sandi	<input type="password" value="....."/> <input type="button" value="Show"/> <input type="text" value="Sedang"/> Penting: Anda butuh sandi ini untuk log masuk. Simpanlah di tempat yang aman.
Email Anda	<input type="text" value="aldi27.mr@gmail.com"/> <small>Periksa ulang alamat email Anda sebelum melanjutkan.</small>
Ketampakan di Mesin Pencari	<input type="checkbox"/> Halangi mesin pencari untuk mengindeks situs ini <small>Sepenuhnya tergantung mesin pencari untuk menghormati permintaan ini.</small>

Lalu uji coba website secara remote



Masuk ke link <http://192.168.5.14/wordpress1/wp-login.php> untuk melakukan pengaturan pada website secara remote



Dan tinggal berkreasi

