



LEMBAR KERJA PRAKTIKUM CLOUD COMPUTING

INSTALASI DAN KONFIGURASI LAYANAN HOSTING DENGAN LAMPP (SAAS)

IDENTITAS:

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Hari, Tanggal:	Kamis, 20 Februari 2020

CONTOH ISIAN:

1. Tampilkan hasil login pada Ubuntu Server dengan menggunakan PuTTY

```
root@eternal-loops: ~
login as: root
root@45.76.145.117's password:
Welcome to Ubuntu 18.04.3 LTS (GNU/Linux 4.15.0-45-generic x86_64)

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

System information as of Mon Feb 17 21:56:08 WIB 2020

System load:  0.0               Processes:            146
Usage of /:   84.9% of 19.63GB   Users logged in:     1
Memory usage: 78%               IP address for ens3: 45.76.145.117
Swap usage:   33%

* 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/

* Canonical Livepatch is available for installation.
  - Reduce system reboots and improve kernel security. Activate at:
    https://ubuntu.com/livepatch

187 packages can be updated.
141 updates are security updates.

*** System restart required ***
Last login: Sun Feb  2 19:18:13 2020 from 180.254.121.187
root@eternal-loops:~#
```

2. Deskripsikan parameter yang digunakan untuk keluar dari akun root

```
$ exit
```

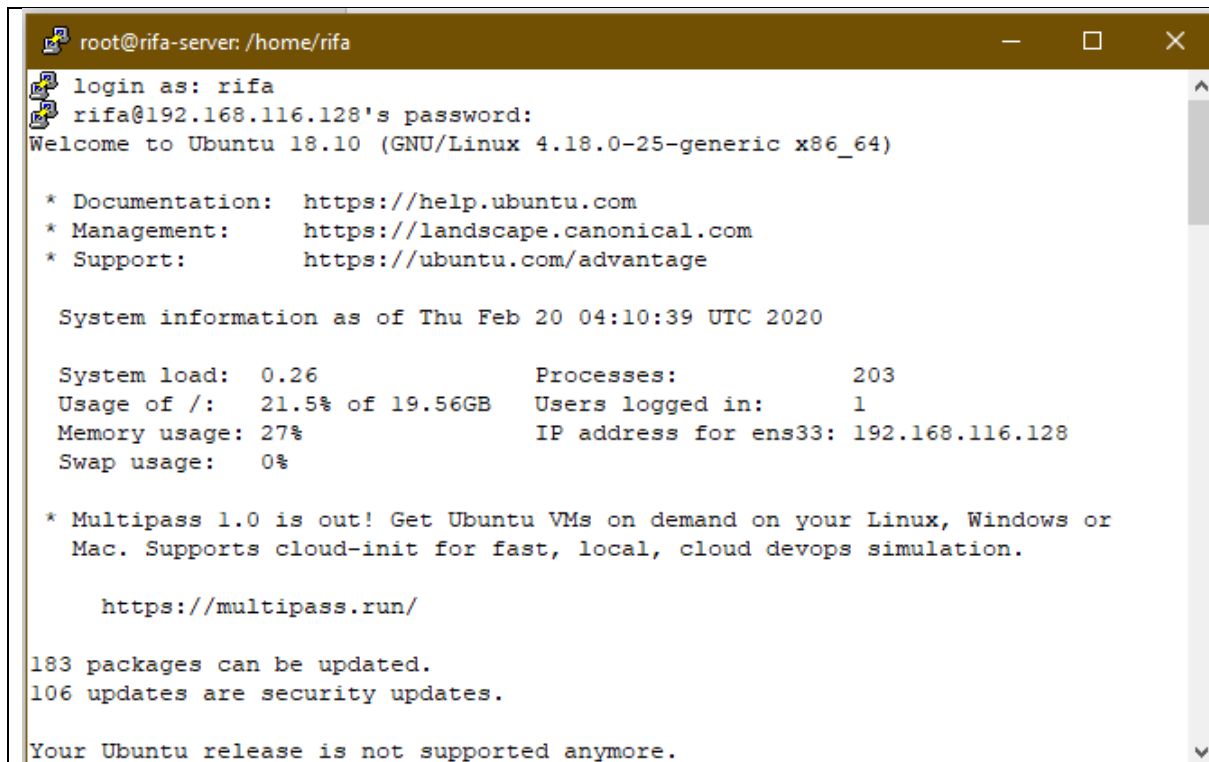
Perintah exit digunakan untuk keluar dari sesi akun aktif

3. Tampilkan pesan kesalahan pada saat login PHPMyAdmin



TUGAS BAGIAN PERTAMA:

1. Tampilan hasil login Server Ubuntu pada PuTTY (tampilan dashboard/motd)



```
root@rifa-server: /home/rifa
login as: rifa
rifa@192.168.116.128's 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 Thu Feb 20 04:10:39 UTC 2020

System load:  0.26           Processes:            203
Usage of /:   21.5% of 19.56GB Users logged in:        1
Memory usage: 27%           IP address for ens33: 192.168.116.128
Swap usage:   0%

* 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.
```

2. Deskripsikan parameter atau cara untuk mendapatkan IP dari Server Ubuntu

```
$ ifconfig
Ketik untuk mendapatkan IP dari server
```

3. Tampilkan hasil instalasi Apache (Ubuntu Default Page) pada browser (perlihatkan juga address bar pada browser)

4. Tampilkan proses instalasi MySQL

5. Tampilkan keberhasilan instalasi PHP dengan cara menampilkan info.php pada browser

6. Tampilkan halaman awal dari login PHPmyAdmin pada browser

7. Deskripsikan parameter untuk memperbaiki login database (Flush Privileges)

\$

8. Tampilkan hasil login WinSCP yang menunjukkan berkas pada Ubuntu Server

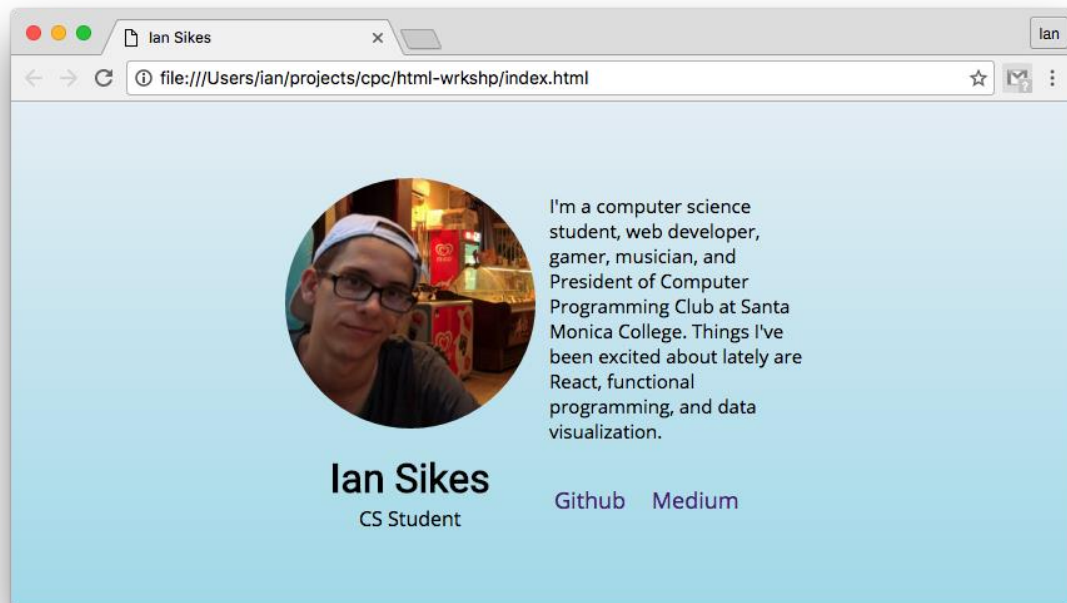
TUGAS BAGIAN KEDUA:

Khusus untuk yang telah mengerjakan tugas 000webhost:

Unduh berkas PHP/HTML Rumah Makan yang tersimpan pada 000webhost Anda.

Khusus untuk yang belum mengerjakan tugas 000webhost:

Buatlah biodata/CV sederhana yang menampilkan identitas Anda menggunakan bahasa PHP/HTML dengan contoh hasil seperti pada ilustrasi berikut



LAKUKAN UNGGAH BERKAS TERSEBUT PADA UBUNTU SERVER, KEMUDIAN TAMPILKAN HASILNYA PADA BROWSER. ATUR JUGA DATABASE BILA PERLU.

(tampilan situs pada browser)

TUGAS BAGIAN KETIGA:

Catatlah IP lima teman Anda secara acak pada tabel berikut, kemudian buat definisi domain untuk teman Anda dengan format: <http://www.namateman.if.upnyk.ac.id>

No.	IP	Nama	Domain
ex.	192.168.64.250	Wahyu Aji Nugroho	wahyu .if.upnyk.ac.id
	192.168.64.245	Muhammad Imam Alfatah	imam .if.upnyk.ac.id
1.			.if.upnyk.ac.id
2.			.if.upnyk.ac.id
3.			.if.upnyk.ac.id
4.			.if.upnyk.ac.id
5.			.if.upnyk.ac.id

Tampilkan hasil akses situs tersebut (menggunakan domain, bukan akses dengan IP) pada isian berikut (perlihatkan URL pada tangkapan layar):

1. Situs pertama

2. Situs kedua

3. Situs ketiga

4. Situs keempat

5. Situs kelima

Eksplorasi Command Dasar pada UBUNTU OS

1. Ls

```
root@rifa-server: /home/rifa
Command 'ufc' not found, did you mean:

command 'ufw' from snap ufw (0.36)
command 'ufw' from deb ufw
command 'ffc' from deb python-ffc
command 'fc' from deb f2c
command 'dfc' from deb dfc
command 'pfc' from deb xl2tpd
command 'ucf' from deb ucf
command 'ucc' from deb exult-studio
command 'ugc' from deb bpfcc-tools
command 'uic' from deb qtchooser

See 'snap info <snapname>' for additional versions.

root@rifa-server:/home/rifa# ufw allow "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ufw allow "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ufw app update "Apache Full"
root@rifa-server:/home/rifa# sudo ufw allow in "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ls
root@rifa-server:/home/rifa#
```

2. Mkdir pertemuan-2

```
root@rifa-server: /home/rifa

command 'ufw' from deb ufw
command 'ffc' from deb python-ffc
command 'fc' from deb f2c
command 'dfc' from deb dfc
command 'pfc' from deb xl2tpd
command 'ucf' from deb ucf
command 'ucc' from deb exult-studio
command 'ugc' from deb bpfcc-tools
command 'uic' from deb qtchooser

See 'snap info <snapname>' for additional versions.

root@rifa-server:/home/rifa# ufw allow "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ufw allow "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ufw app update "Apache Full"
root@rifa-server:/home/rifa# sudo ufw allow in "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ls
root@rifa-server:/home/rifa# mkdir pertemuan-2
root@rifa-server:/home/rifa# mkdir pertemuan-2
mkdir: cannot create directory 'pertemuan-2': File exists
root@rifa-server:/home/rifa#
```

3. Ls -l

```
root@rifa-server: /home/rifa
command 'dfc' from deb dfc
command 'pfc' from deb xl2tpd
command 'ucf' from deb ucf
command 'ucc' from deb exult-studio
command 'ugc' from deb bpfcc-tools
command 'uic' from deb qtchooser

See 'snap info <snapname>' for additional versions.

root@rifa-server:/home/rifa# ufw allow "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ufw allow "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ufw app update "Apache Full"
root@rifa-server:/home/rifa# sudo ufw allow in "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ls
root@rifa-server:/home/rifa# mkdir pertemuan-2
root@rifa-server:/home/rifa# mkdir pertemuan-2
mkdir: cannot create directory 'pertemuan-2': File exists
root@rifa-server:/home/rifa# ls -l
total 4
drwxr-xr-x 2 root root 4096 Feb 20 04:42 pertemuan-2
root@rifa-server:/home/rifa#
```

4. `cp -r pertemuan-2 pertemuan-1`

```
root@rifa-server: /home/rifa
command 'pfc' from deb xl2tpd
command 'ucf' from deb ucf
command 'ucc' from deb exult-studio
command 'ugc' from deb bpfcc-tools
command 'uic' from deb qtchooser

See 'snap info <snapname>' for additional versions.

root@rifa-server:/home/rifa# ufw allow "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ufw allow "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ufw app update "Apache Full"
root@rifa-server:/home/rifa# sudo ufw allow in "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ls
root@rifa-server:/home/rifa# mkdir pertemuan-2
root@rifa-server:/home/rifa# mkdir pertemuan-2
mkdir: cannot create directory 'pertemuan-2': File exists
root@rifa-server:/home/rifa# ls -l
total 4
drwxr-xr-x 2 root root 4096 Feb 20 04:42 pertemuan-2
root@rifa-server:/home/rifa# cp -r pertemuan-2 pertemuan-1
root@rifa-server:/home/rifa#
```

5. `ls`


```
root@rifa-server: /home/rifa
command 'ucc' from deb exult-studio
command 'ugc' from deb bpfcc-tools
command 'uic' from deb qtchooser

See 'snap info <snapname>' for additional versions.

root@rifa-server:/home/rifa# ufw allow "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ufw allow "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ufw app update "Apache Full"
root@rifa-server:/home/rifa# sudo ufw allow in "Apache Full"
ERROR: Could not find a profile matching 'Apache Full'
root@rifa-server:/home/rifa# ls
root@rifa-server:/home/rifa# mkdir pertemuan-2
root@rifa-server:/home/rifa# mkdir pertemuan-2
mkdir: cannot create directory 'pertemuan-2': File exists
root@rifa-server:/home/rifa# ls -l
total 4
drwxr-xr-x 2 root root 4096 Feb 20 04:42 pertemuan-2
root@rifa-server:/home/rifa# cp -r pertemuan-2 pertemuan-1
root@rifa-server:/home/rifa# ls
pertemuan-1  pertemuan-2
root@rifa-server:/home/rifa#
```

6. mv pertemuan-2 "pertemuan 2 LAMPP"

```
root@rifa-server: /home/rifa

root@rifa-server:/home/rifa# cd "pertemuan 2"
> biodata.txt
> 123170096
> save
> "
bash: cd: '$'pertemuan 2\nbiodata.txt\n123170096\nsave\n': No such file or directory
root@rifa-server:/home/rifa# ls
pertemuan-1  pertemuan-2
root@rifa-server:/home/rifa# cd "pertemuan 2"
> nano biodata.txt
> 123170096
> save
> "
bash: cd: '$'pertemuan 2\nnano biodata.txt\n123170096\nsave\n': No such file or directory
root@rifa-server:/home/rifa# cd "pertemuan 2"
> "
bash: cd: '$'pertemuan 2\n': No such file or directory
root@rifa-server:/home/rifa# cd "pertemuan-2/"
> "
bash: cd: '$'pertemuan-2/\n': No such file or directory
root@rifa-server:/home/rifa# mv pertemuan-2 "pertemuan 2 LAMPP"
root@rifa-server:/home/rifa#
```

7. ls

```
root@rifa-server: /home/rifa
> 123170096
> save
> "
bash: cd: '$pertemuan 2\nbiodata.txt\n123170096\nsave\n': No such file or directory
root@rifa-server:/home/rifa# ls
pertemuan-1  pertemuan-2
root@rifa-server:/home/rifa# cd "pertemuan 2
> nano biodata.txt
> 123170096
> save
> "
bash: cd: '$pertemuan 2\nnano biodata.txt\n123170096\nsave\n': No such file or directory
root@rifa-server:/home/rifa# cd "pertemuan 2
> "
bash: cd: '$pertemuan 2\n': No such file or directory
root@rifa-server:/home/rifa# cd "pertemuan-2/
> "
bash: cd: '$pertemuan-2/\n': No such file or directory
root@rifa-server:/home/rifa# mv pertemuan-2 "pertemuan 2 LAMPP"
root@rifa-server:/home/rifa# ls
pertemuan-1  'pertemuan 2 LAMPP'
root@rifa-server:/home/rifa#
```

8. cd "pertemuan 2 (tekan tab lalu enter)

```
root@rifa-server: /home/rifa/pertemuan 2 LAMPP
> save
> "
bash: cd: '$pertemuan 2\nbiodata.txt\n123170096\nsave\n': No such file or directory
root@rifa-server:/home/rifa# ls
pertemuan-1  pertemuan-2
root@rifa-server:/home/rifa# cd "pertemuan 2
> nano biodata.txt
> 123170096
> save
> "
bash: cd: '$pertemuan 2\nnano biodata.txt\n123170096\nsave\n': No such file or directory
root@rifa-server:/home/rifa# cd "pertemuan 2
> "
bash: cd: '$pertemuan 2\n': No such file or directory
root@rifa-server:/home/rifa# cd "pertemuan-2/
> "
bash: cd: '$pertemuan-2/\n': No such file or directory
root@rifa-server:/home/rifa# mv pertemuan-2 "pertemuan 2 LAMPP"
root@rifa-server:/home/rifa# ls
pertemuan-1  'pertemuan 2 LAMPP'
root@rifa-server:/home/rifa# cd "pertemuan 2 LAMPP"/
root@rifa-server:/home/rifa/pertemuan 2 LAMPP#
```

9. nano biodata.txt (enter , lalu tulsikan NIM, save, kemudian)

```
root@rifa-server: /home/rifa/pertemuan 2 LAMPP
GNU nano 2.9.8      biodata.txt
123170096

[ Read 1 line ]
^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
```

10. ls -l

```
root@rifa-server: /home/rifa/pertemuan 2 LAMPP
pertemuan-1 pertemuan-2
root@rifa-server:/home/rifa# cd "pertemuan 2"
> nano biodata.txt
> 123170096
> save
> "
bash: cd: '$'pertemuan 2\nnano biodata.txt\n123170096\nsave\n': No such file or directory
root@rifa-server:/home/rifa# cd "pertemuan 2"
> "
bash: cd: '$'pertemuan 2\n': No such file or directory
root@rifa-server:/home/rifa# cd "pertemuan-2/"
> "
bash: cd: '$'pertemuan-2/\n': No such file or directory
root@rifa-server:/home/rifa# mv pertemuan-2 "pertemuan 2 LAMPP"
root@rifa-server:/home/rifa# ls
pertemuan-1 'pertemuan 2 LAMPP'
root@rifa-server:/home/rifa# cd "pertemuan 2 LAMPP"/
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# nano biodata.txt
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# nano biodata.txt
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# ls -l
total 4
-rw-r--r-- 1 root root 10 Feb 20 05:04 biodata.txt
root@rifa-server:/home/rifa/pertemuan 2 LAMPP#
```

11. cat biodata.txt

```
root@rifa-server: /home/rifa/pertemuan 2 LAMPP
> nano biodata.txt
> 123170096
> save
> "
bash: cd: '$'pertemuan 2\nnano biodata.txt\n123170096\nsave\n': No such file or d
irectory
root@rifa-server:/home/rifa# cd "pertemuan 2
> "
bash: cd: '$'pertemuan 2\n': No such file or directory
root@rifa-server:/home/rifa# cd "pertemuan-2/
> "
bash: cd: '$'pertemuan-2/\n': No such file or directory
root@rifa-server:/home/rifa# mv pertemuan-2 "pertemuan 2 LAMPP"
root@rifa-server:/home/rifa# ls
pertemuan-1  'pertemuan 2 LAMPP'
root@rifa-server:/home/rifa# cd "pertemuan 2 LAMPP"/
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# nano biodata.txt
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# nano biodata.txt
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# ls -l
total 4
-rw-r--r-- 1 root root 10 Feb 20 05:04 biodata.txt
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# cat biodata.txt
123170096
root@rifa-server:/home/rifa/pertemuan 2 LAMPP#
```

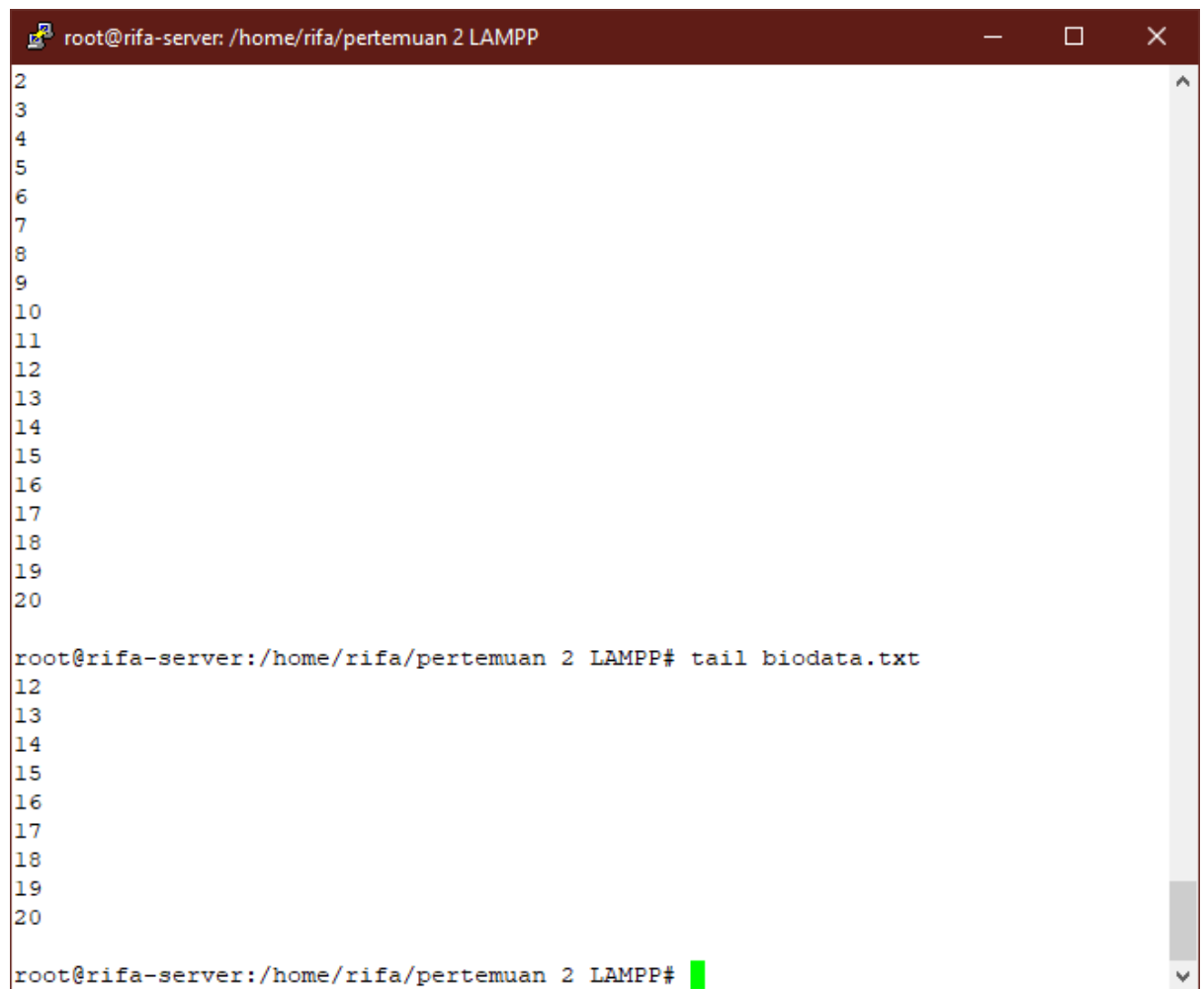
12. nano biodata.txt (buat seperti gambar disamping)

```
GNU nano 2.9.8 biodata.txt
10
11
12
13
14
15
16
17
18
19
20
^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
```

13. cat biodata.txt

```
root@rifa-server: /home/rifa/pertemuan 2 LAMPP
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# nano biodata.txt
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# nano biodata.txt
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# ls -l
total 4
-rw-r--r-- 1 root root 10 Feb 20 05:04 biodata.txt
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# cat biodata.txt
123170096
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# nano biodata.txt
root@rifa-server:/home/rifa/pertemuan 2 LAMPP# cat biodata.txt
123170096
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
root@rifa-server:/home/rifa/pertemuan 2 LAMPP#
```

14. tail biodata.txt



```
root@rifa-server: /home/rifa/pertemuan 2 LAMPP
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

root@rifa-server:/home/rifa/pertemuan 2 LAMPP# tail biodata.txt
12
13
14
15
16
17
18
19
20

root@rifa-server:/home/rifa/pertemuan 2 LAMPP#
```

The image shows a terminal window with a dark red title bar. The window title is "root@rifa-server: /home/rifa/pertemuan 2 LAMPP". The terminal content shows a list of numbers from 2 to 20, followed by a command prompt and the command "tail biodata.txt". The output of the command shows the same list of numbers from 12 to 20. The prompt is followed by a green cursor.