

LAPORAN PRAKTIKUM
MODUL 2
INSTALASI LINUX DEBIAN 11



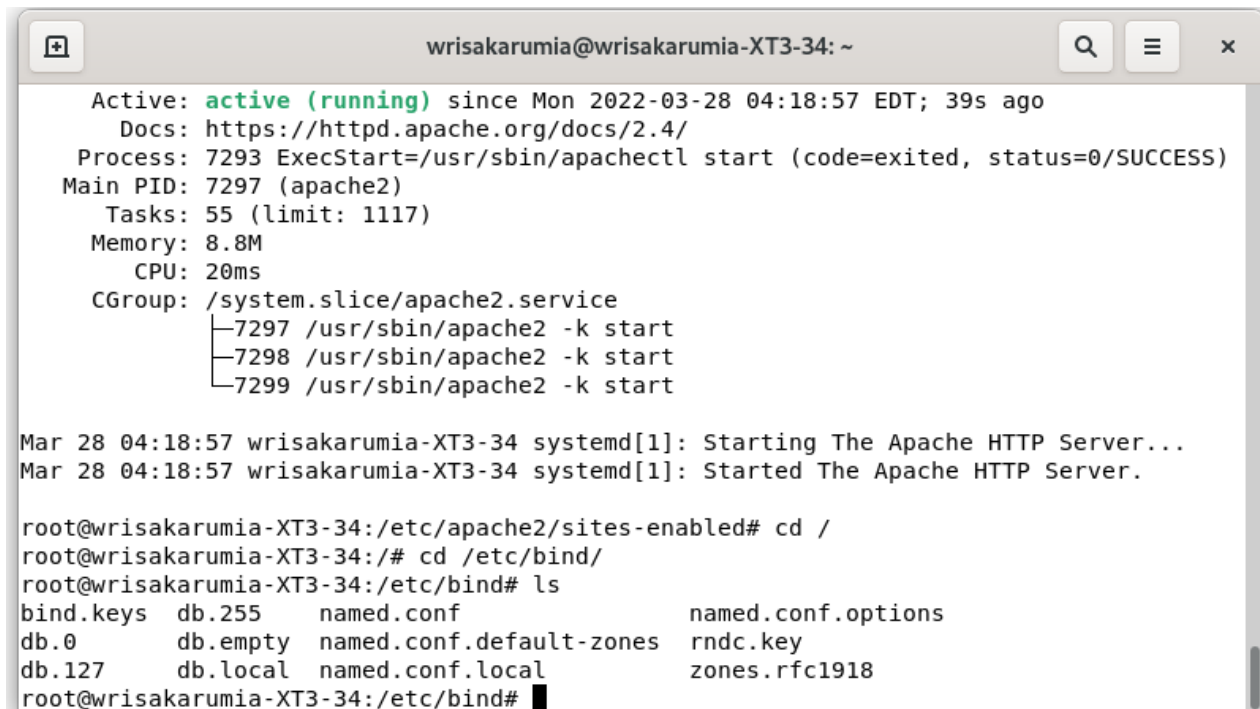
Disusun oleh :
Wrisa Karumia (34)

Program Keahlian :
Teknik Komputer dan Jaringan

SMK TELKOM MALANG
MARET 2022

Hasil Tugas Praktikum :

1. **Penjelasan** : Ketik `cd /`



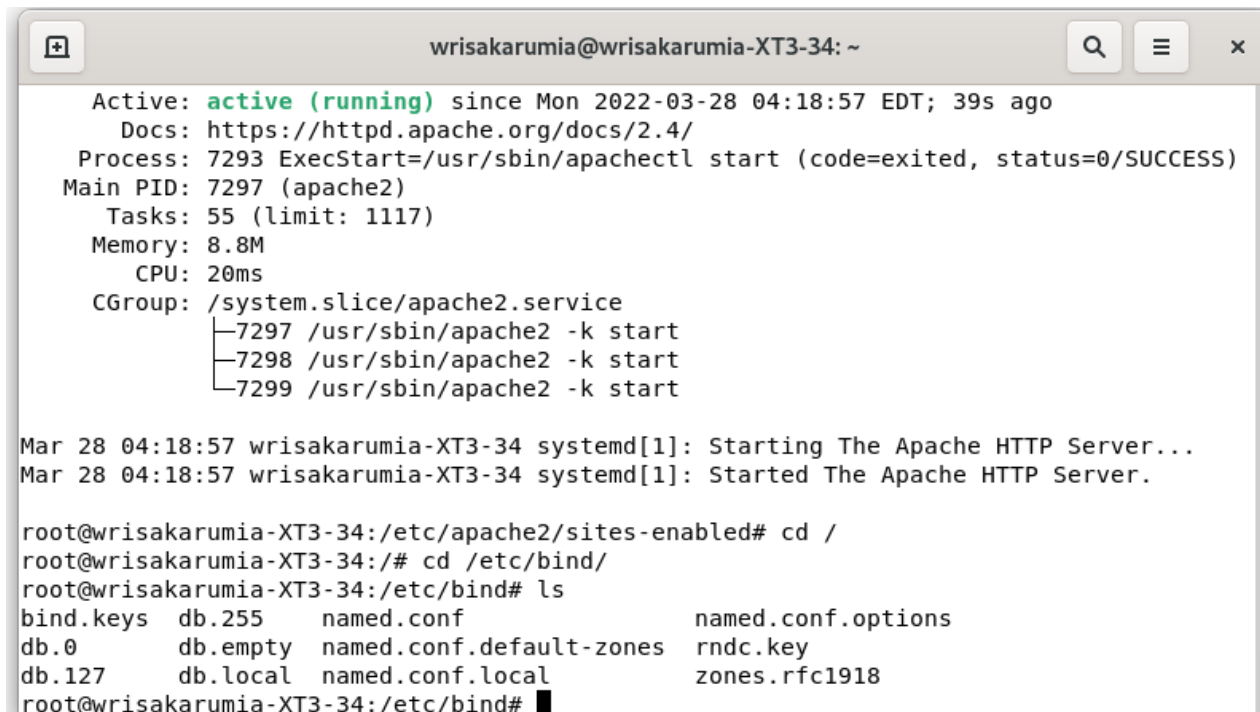
A terminal window titled 'wrisakarumia@wrisakarumia-XT3-34: ~'. The output shows the status of the Apache service as 'active (running)' since Mon 2022-03-28 04:18:57 EDT; 39s ago. It lists process details: Docs: <https://httpd.apache.org/docs/2.4/>, Process: 7293 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS), Main PID: 7297 (apache2), Tasks: 55 (limit: 1117), Memory: 8.8M, CPU: 20ms, and CGroup: /system.slice/apache2.service. Below this, it shows system logs for starting the Apache HTTP Server. The user then navigates from /etc/apache2/sites-enabled to /, then to /etc/bind, and lists the files in that directory: bind.keys, db.255, named.conf, named.conf.options, db.0, db.empty, named.conf.default-zones, rndc.key, db.127, db.local, named.conf.local, and zones.rfc1918.

```
wrisakarumia@wrisakarumia-XT3-34: ~
Active: active (running) since Mon 2022-03-28 04:18:57 EDT; 39s ago
Docs: https://httpd.apache.org/docs/2.4/
Process: 7293 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
Main PID: 7297 (apache2)
Tasks: 55 (limit: 1117)
Memory: 8.8M
CPU: 20ms
CGroup: /system.slice/apache2.service
├─7297 /usr/sbin/apache2 -k start
├─7298 /usr/sbin/apache2 -k start
└─7299 /usr/sbin/apache2 -k start

Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Starting The Apache HTTP Server...
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Started The Apache HTTP Server.

root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# cd /
root@wrisakarumia-XT3-34:/# cd /etc/bind/
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.255    named.conf  named.conf.options
db.0       db.empty  named.conf.default-zones  rndc.key
db.127     db.local  named.conf.local  zones.rfc1918
root@wrisakarumia-XT3-34:/etc/bind#
```

2. **Penjelasan** : Ketik `cd /etc/bind/`



A terminal window titled 'wrisakarumia@wrisakarumia-XT3-34: ~'. The output shows the status of the Apache service as 'active (running)' since Mon 2022-03-28 04:18:57 EDT; 39s ago. It lists process details: Docs: <https://httpd.apache.org/docs/2.4/>, Process: 7293 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS), Main PID: 7297 (apache2), Tasks: 55 (limit: 1117), Memory: 8.8M, CPU: 20ms, and CGroup: /system.slice/apache2.service. Below this, it shows system logs for starting the Apache HTTP Server. The user then navigates from /etc/apache2/sites-enabled to /, then to /etc/bind, and lists the files in that directory: bind.keys, db.255, named.conf, named.conf.options, db.0, db.empty, named.conf.default-zones, rndc.key, db.127, db.local, named.conf.local, and zones.rfc1918.

```
wrisakarumia@wrisakarumia-XT3-34: ~
Active: active (running) since Mon 2022-03-28 04:18:57 EDT; 39s ago
Docs: https://httpd.apache.org/docs/2.4/
Process: 7293 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
Main PID: 7297 (apache2)
Tasks: 55 (limit: 1117)
Memory: 8.8M
CPU: 20ms
CGroup: /system.slice/apache2.service
├─7297 /usr/sbin/apache2 -k start
├─7298 /usr/sbin/apache2 -k start
└─7299 /usr/sbin/apache2 -k start

Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Starting The Apache HTTP Server...
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Started The Apache HTTP Server.

root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# cd /
root@wrisakarumia-XT3-34:/# cd /etc/bind/
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.255    named.conf  named.conf.options
db.0       db.empty  named.conf.default-zones  rndc.key
db.127     db.local  named.conf.local  zones.rfc1918
root@wrisakarumia-XT3-34:/etc/bind#
```

3. Penjelasan : Lalu ketik ls

```
wrisakarumia@wrisakarumia-XT3-34: ~  
Active: active (running) since Mon 2022-03-28 04:18:57 EDT; 39s ago  
Docs: https://httpd.apache.org/docs/2.4/  
Process: 7293 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)  
Main PID: 7297 (apache2)  
Tasks: 55 (limit: 1117)  
Memory: 8.8M  
CPU: 20ms  
CGroup: /system.slice/apache2.service  
├─7297 /usr/sbin/apache2 -k start  
├─7298 /usr/sbin/apache2 -k start  
└─7299 /usr/sbin/apache2 -k start  
  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Starting The Apache HTTP Server...  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Started The Apache HTTP Server.  
  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# cd /  
root@wrisakarumia-XT3-34:/# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local      zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind#
```

4. Penjelasan : Ketik cd /etc/bind/

```
wrisakarumia@wrisakarumia-XT3-34: ~  
└─7299 /usr/sbin/apache2 -k start  
  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Starting The Apache HTTP Server...  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Started The Apache HTTP Server.  
  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# cd /  
root@wrisakarumia-XT3-34:/# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local      zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local      zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind# cp db.local db.wrisakarumia  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      db.wrisakarumia  named.conf.local  zones.rfc1918  
db.0       db.empty    named.conf        named.conf.options  
db.127     db.local    named.conf.default-zones  rndc.key  
root@wrisakarumia-XT3-34:/etc/bind#
```

5. **Penjelasan** : Ketik ls

```
wrisakarumia@wrisakarumia-XT3-34: ~  
└─7299 /usr/sbin/apache2 -k start  
  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Starting The Apache HTTP Server...  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Started The Apache HTTP Server.  
  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# cd /  
root@wrisakarumia-XT3-34:/# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local    zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local    zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind# cp db.local db.wrisakarumia  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      db.wrisakarumia  named.conf.local    zones.rfc1918  
db.0       db.empty    named.conf        named.conf.options  
db.127     db.local    named.conf.default-zones  rndc.key  
root@wrisakarumia-XT3-34:/etc/bind# █
```

6. **Penjelasan** : Ketik cp db.local nama yang kalian pengen, saya menggunakan db.wrisakarumia

```
wrisakarumia@wrisakarumia-XT3-34: ~  
└─7299 /usr/sbin/apache2 -k start  
  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Starting The Apache HTTP Server...  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Started The Apache HTTP Server.  
  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# cd /  
root@wrisakarumia-XT3-34:/# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local    zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local    zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind# cp db.local db.wrisakarumia  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      db.wrisakarumia  named.conf.local    zones.rfc1918  
db.0       db.empty    named.conf        named.conf.options  
db.127     db.local    named.conf.default-zones  rndc.key  
root@wrisakarumia-XT3-34:/etc/bind# █
```

7. **Penjelasan** : Ketik lagi ls

```
wrisakarumia@wrisakarumia-XT3-34: ~  
└─7299 /usr/sbin/apache2 -k start  
  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Starting The Apache HTTP Server...  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Started The Apache HTTP Server.  
  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# cd /  
root@wrisakarumia-XT3-34:/etc/bind/# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local      zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local      zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind# cp db.local db.wrisakarumia  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      db.wrisakarumia      named.conf.local      zones.rfc1918  
db.0       db.empty    named.conf            named.conf.options  
db.127     db.local    named.conf.default-zones  rndc.key  
root@wrisakarumia-XT3-34:/etc/bind#
```

8. **Penjelasan** : Ketik cp db.127 db.15

```
wrisakarumia@wrisakarumia-XT3-34: ~  
└─7299 /usr/sbin/apache2 -k start  
  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Starting The Apache HTTP Server...  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Started The Apache HTTP Server.  
  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# cd /  
root@wrisakarumia-XT3-34:/etc/bind/# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local      zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local      zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind# cp db.local db.wrisakarumia  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      db.wrisakarumia      named.conf.local      zones.rfc1918  
db.0       db.empty    named.conf            named.conf.options  
db.127     db.local    named.conf.default-zones  rndc.key  
root@wrisakarumia-XT3-34:/etc/bind# cp db.127 db.15  
root@wrisakarumia-XT3-34:/etc/bind# nano db.wrisakarumia
```

9. **Penjelasan** : Ketik nano db.wrisakarumia

```
wrisakarumia@wrisakarumia-XT3-34: ~  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Starting The Apache HTTP Server...  
Mar 28 04:18:57 wrisakarumia-XT3-34 systemd[1]: Started The Apache HTTP Server.  
  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# cd /  
root@wrisakarumia-XT3-34:/# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local      zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind# cd /etc/bind/  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      named.conf      named.conf.options  
db.0       db.empty    named.conf.default-zones  rndc.key  
db.127     db.local    named.conf.local      zones.rfc1918  
root@wrisakarumia-XT3-34:/etc/bind# cp db.local db.wrisakarumia  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.255      db.wrisakarumia      named.conf.local      zones.rfc1918  
db.0       db.empty    named.conf            named.conf.options  
db.127     db.local    named.conf.default-zones  rndc.key  
root@wrisakarumia-XT3-34:/etc/bind# cp db.127 db.15  
root@wrisakarumia-XT3-34:/etc/bind# nano db.wrisakarumia
```

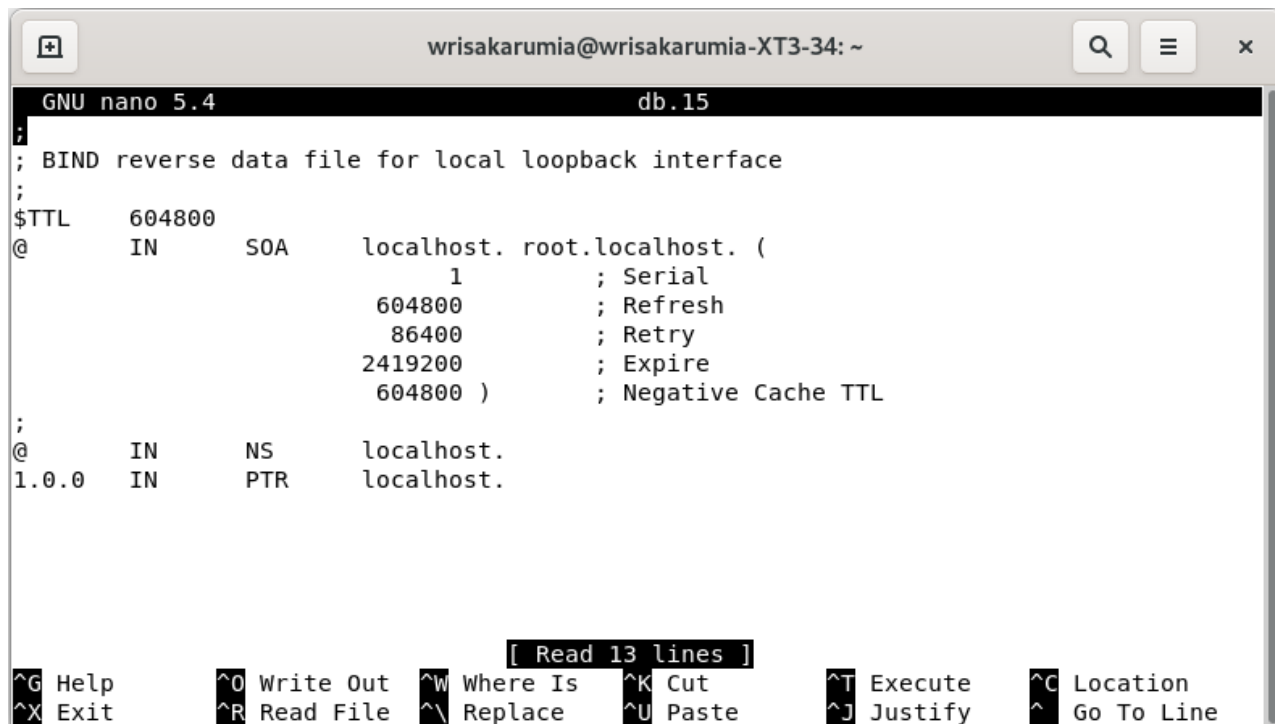
10. **Penjelasan** : Ubah nama local.host menjadi nama domain yang kalian inginkan dan tulis nama ip Debian. Setelh itu pencet Ctrl + x

```
wrisakarumia@wrisakarumia-XT3-34: ~  
GNU nano 5.4 db.wrisakarumia *  
;  
; BIND data file for local loopback interface  
;  
$TTL      604800  
@         IN      SOA      wrisakarumia.net. root.wrisakarumia.net. (  
                                2          ; Serial  
                                604800     ; Refresh  
                                86400      ; Retry  
                                2419200    ; Expire  
                                604800 )   ; Negative Cache TTL  
;  
@         IN      NS       wrisakarumia.net.  
@         IN      A        192.168.0.15
```

Legend:

^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

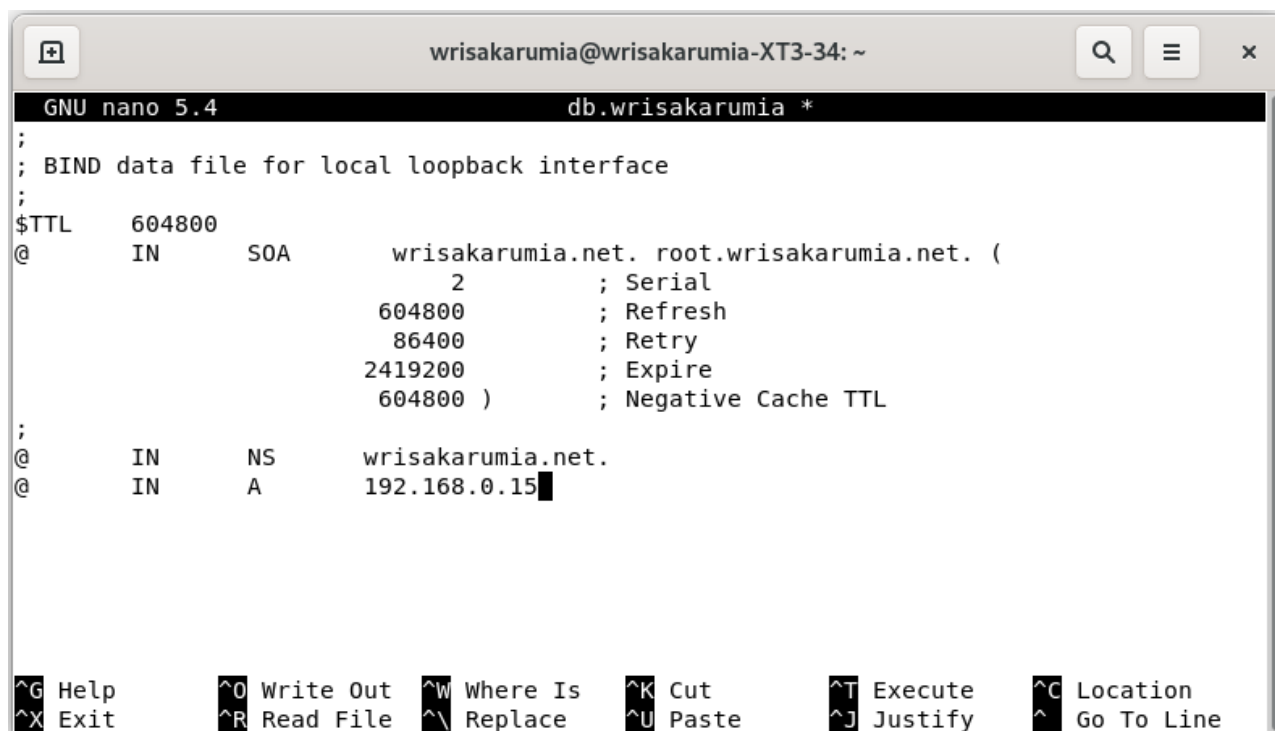
11. **Penjelasan** : Ganti nama yang localhost menjadi nama domain anda, masukkan ip Debian kalian dari belakang



```
GNU nano 5.4 db.15
;
; BIND reverse data file for local loopback interface
;
$TTL      604800
@         IN      SOA      localhost. root.localhost. (
                                1          ; Serial
                                604800     ; Refresh
                                86400      ; Retry
                                2419200    ; Expire
                                604800 )   ; Negative Cache TTL
;
@         IN      NS       localhost.
1.0.0     IN      PTR      localhost.

[ 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
```

12. **Penjelasan** : Ketik db.wrisakarumia, setelah itu pencet ctrl + x. Lalu pilih yes



```
GNU nano 5.4 db.wrisakarumia *
;
; BIND data file for local loopback interface
;
$TTL      604800
@         IN      SOA      wrisakarumia.net. root.wrisakarumia.net. (
                                2          ; Serial
                                604800     ; Refresh
                                86400      ; Retry
                                2419200    ; Expire
                                604800 )   ; Negative Cache TTL
;
@         IN      NS       wrisakarumia.net.
@         IN      A        192.168.0.15

```

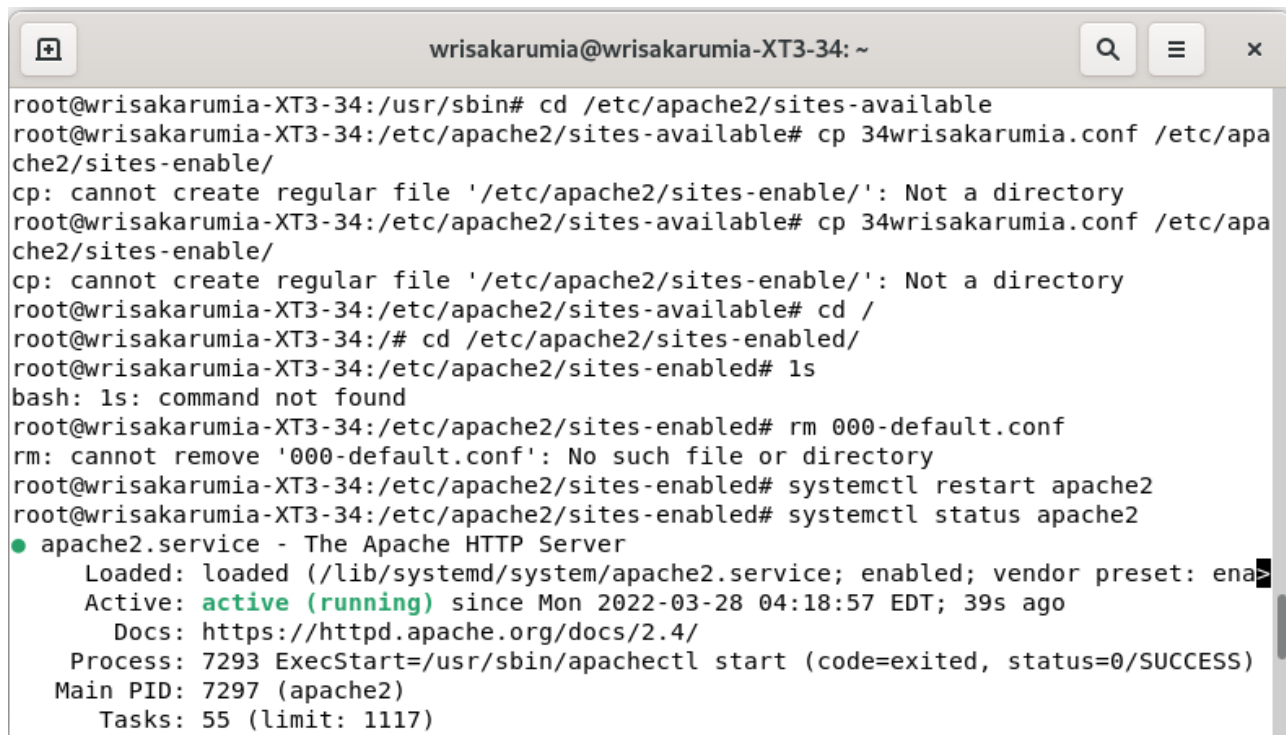

13. **Penjelasan** : Ketik `cp 34wrisakarumia.conf /etc/apache2/sites-enable/`

```
wrisakarumia@wrisakarumia-XT3-34: ~  
root@wrisakarumia-XT3-34:/usr/sbin# cd /etc/apache2/sites-available  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cp 34wrisakarumia.conf /etc/apache2/sites-enable/  
cp: cannot create regular file '/etc/apache2/sites-enable/': Not a directory  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cp 34wrisakarumia.conf /etc/apache2/sites-enable/  
cp: cannot create regular file '/etc/apache2/sites-enable/': Not a directory  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cd /  
root@wrisakarumia-XT3-34:/# cd /etc/apache2/sites-enabled/  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# ls  
bash: ls: command not found  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# rm 000-default.conf  
rm: cannot remove '000-default.conf': No such file or directory  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl restart apache2  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl status apache2  
● apache2.service - The Apache HTTP Server  
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)  
   Active: active (running) since Mon 2022-03-28 04:18:57 EDT; 39s ago  
     Docs: https://httpd.apache.org/docs/2.4/  
  Process: 7293 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)  
 Main PID: 7297 (apache2)  
    Tasks: 55 (limit: 1117)
```

14. **Penjelasan** : `cd /`

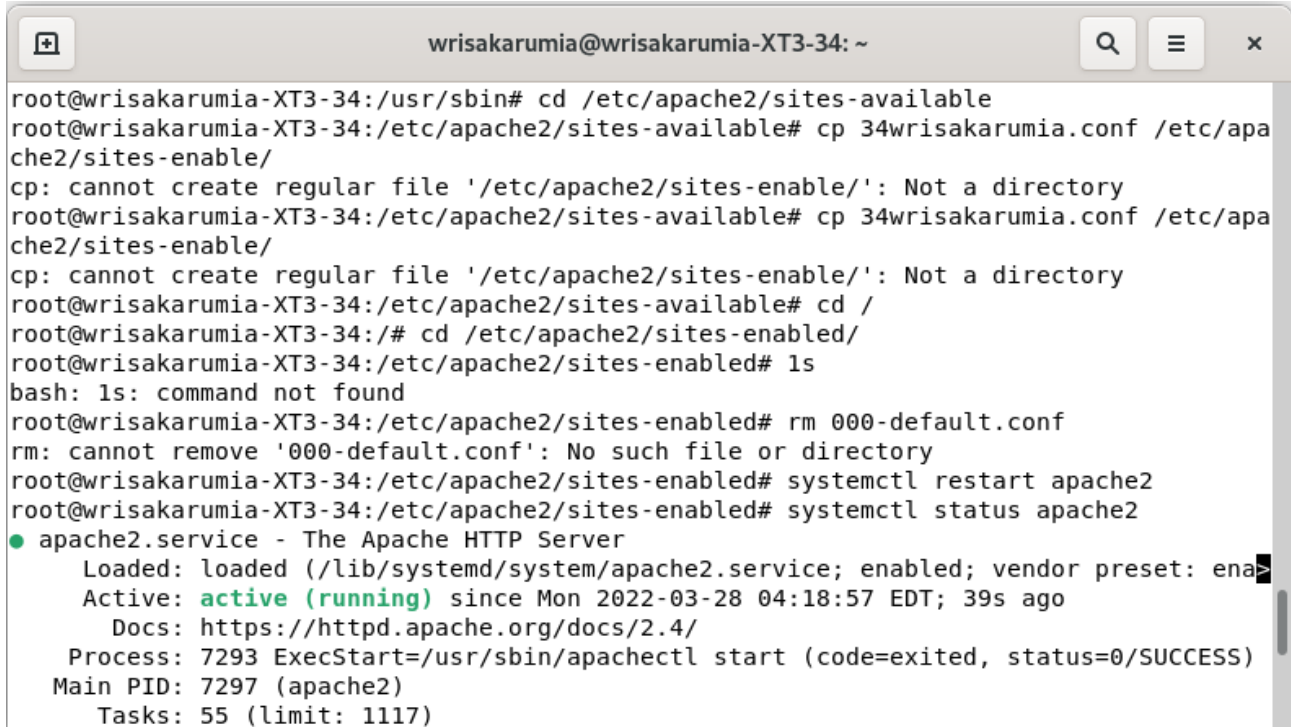
```
wrisakarumia@wrisakarumia-XT3-34: ~  
root@wrisakarumia-XT3-34:/usr/sbin# cd /etc/apache2/sites-available  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cp 34wrisakarumia.conf /etc/apache2/sites-enable/  
cp: cannot create regular file '/etc/apache2/sites-enable/': Not a directory  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cp 34wrisakarumia.conf /etc/apache2/sites-enable/  
cp: cannot create regular file '/etc/apache2/sites-enable/': Not a directory  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cd /  
root@wrisakarumia-XT3-34:/# cd /etc/apache2/sites-enabled/  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# ls  
bash: ls: command not found  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# rm 000-default.conf  
rm: cannot remove '000-default.conf': No such file or directory  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl restart apache2  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl status apache2  
● apache2.service - The Apache HTTP Server  
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)  
   Active: active (running) since Mon 2022-03-28 04:18:57 EDT; 39s ago  
     Docs: https://httpd.apache.org/docs/2.4/  
  Process: 7293 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)  
 Main PID: 7297 (apache2)  
    Tasks: 55 (limit: 1117)
```


15. **Penjelasan** : Ketik `cd /etc/apache2/sites-enabled/`



```
wrisakarumia@wrisakarumia-XT3-34: ~
root@wrisakarumia-XT3-34:/usr/sbin# cd /etc/apache2/sites-available
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cp 34wrisakarumia.conf /etc/apache2/sites-enabled/
cp: cannot create regular file '/etc/apache2/sites-enabled/': Not a directory
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cp 34wrisakarumia.conf /etc/apache2/sites-enabled/
cp: cannot create regular file '/etc/apache2/sites-enabled/': Not a directory
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cd /
root@wrisakarumia-XT3-34:/# cd /etc/apache2/sites-enabled/
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# ls
bash: ls: command not found
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# rm 000-default.conf
rm: cannot remove '000-default.conf': No such file or directory
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl restart apache2
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
   Active: active (running) since Mon 2022-03-28 04:18:57 EDT; 39s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 7293 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
    Main PID: 7297 (apache2)
      Tasks: 55 (limit: 1117)
```

16. **Penjelasan** : Ketik `ls`



```
wrisakarumia@wrisakarumia-XT3-34: ~
root@wrisakarumia-XT3-34:/usr/sbin# cd /etc/apache2/sites-available
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cp 34wrisakarumia.conf /etc/apache2/sites-enabled/
cp: cannot create regular file '/etc/apache2/sites-enabled/': Not a directory
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cp 34wrisakarumia.conf /etc/apache2/sites-enabled/
cp: cannot create regular file '/etc/apache2/sites-enabled/': Not a directory
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cd /
root@wrisakarumia-XT3-34:/# cd /etc/apache2/sites-enabled/
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# ls
bash: ls: command not found
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# rm 000-default.conf
rm: cannot remove '000-default.conf': No such file or directory
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl restart apache2
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
   Active: active (running) since Mon 2022-03-28 04:18:57 EDT; 39s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 7293 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
    Main PID: 7297 (apache2)
      Tasks: 55 (limit: 1117)
```

17. **Penjelasan** : Ketik rm 000-default.conf

```
wrisakarumia@wrisakarumia-XT3-34: ~  
root@wrisakarumia-XT3-34:/usr/sbin# cd /etc/apache2/sites-available  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cp 34wrisakarumia.conf /etc/apache2/sites-enabled/  
cp: cannot create regular file '/etc/apache2/sites-enabled/': Not a directory  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cp 34wrisakarumia.conf /etc/apache2/sites-enabled/  
cp: cannot create regular file '/etc/apache2/sites-enabled/': Not a directory  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cd /  
root@wrisakarumia-XT3-34:/# cd /etc/apache2/sites-enabled/  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# ls  
bash: ls: command not found  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# rm 000-default.conf  
rm: cannot remove '000-default.conf': No such file or directory  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl restart apache2  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl status apache2  
● apache2.service - The Apache HTTP Server  
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)  
   Active: active (running) since Mon 2022-03-28 04:18:57 EDT; 39s ago  
     Docs: https://httpd.apache.org/docs/2.4/  
  Process: 7293 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)  
 Main PID: 7297 (apache2)  
    Tasks: 55 (limit: 1117)
```

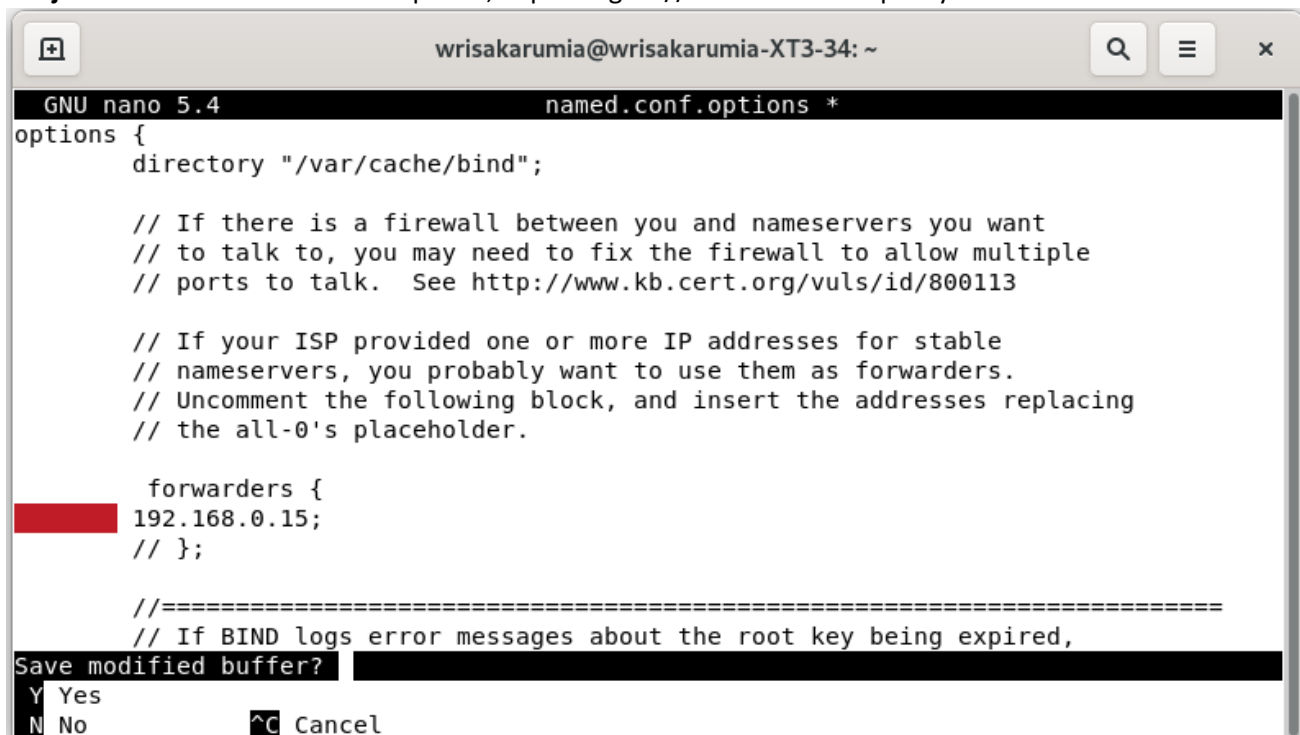
18. **Penjelasan** : Ketik systemctl restart apache2

```
wrisakarumia@wrisakarumia-XT3-34: ~  
root@wrisakarumia-XT3-34:/usr/sbin# cd /etc/apache2/sites-available  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cp 34wrisakarumia.conf /etc/apache2/sites-enabled/  
cp: cannot create regular file '/etc/apache2/sites-enabled/': Not a directory  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cp 34wrisakarumia.conf /etc/apache2/sites-enabled/  
cp: cannot create regular file '/etc/apache2/sites-enabled/': Not a directory  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cd /  
root@wrisakarumia-XT3-34:/# cd /etc/apache2/sites-enabled/  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# ls  
bash: ls: command not found  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# rm 000-default.conf  
rm: cannot remove '000-default.conf': No such file or directory  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl restart apache2  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl status apache2  
● apache2.service - The Apache HTTP Server  
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)  
   Active: active (running) since Mon 2022-03-28 04:18:57 EDT; 39s ago  
     Docs: https://httpd.apache.org/docs/2.4/  
  Process: 7293 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)  
 Main PID: 7297 (apache2)  
    Tasks: 55 (limit: 1117)
```

19. **Penjelasan** : Ketik systemctl status apache2

```
cp: cannot create regular file '/etc/apache2/sites-enabled/': Not a directory
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cd /
root@wrisakarumia-XT3-34:/# cd /etc/apache2/sites-enabled/
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# ls
bash: ls: command not found
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# rm 000-default.conf
rm: cannot remove '000-default.conf': No such file or directory
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl restart apache2
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: ena
   Active: active (running) since Mon 2022-03-28 04:18:57 EDT; 39s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 7293 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
    Main PID: 7297 (apache2)
       Tasks: 55 (limit: 1117)
      Memory: 8.8M
         CPU: 20ms
       CGroup: /system.slice/apache2.service
               └─7297 /usr/sbin/apache2 -k start
                 └─7298 /usr/sbin/apache2 -k start
                   └─7299 /usr/sbin/apache2 -k start
```

20. **Penjelasan** : Ketik named.conf.options, hapus bagian //. Pencet Ctrl + x pilih yes



```
wrisakarumia@wrisakarumia-XT3-34: ~
GNU nano 5.4 named.conf.options *
options {
    directory "/var/cache/bind";

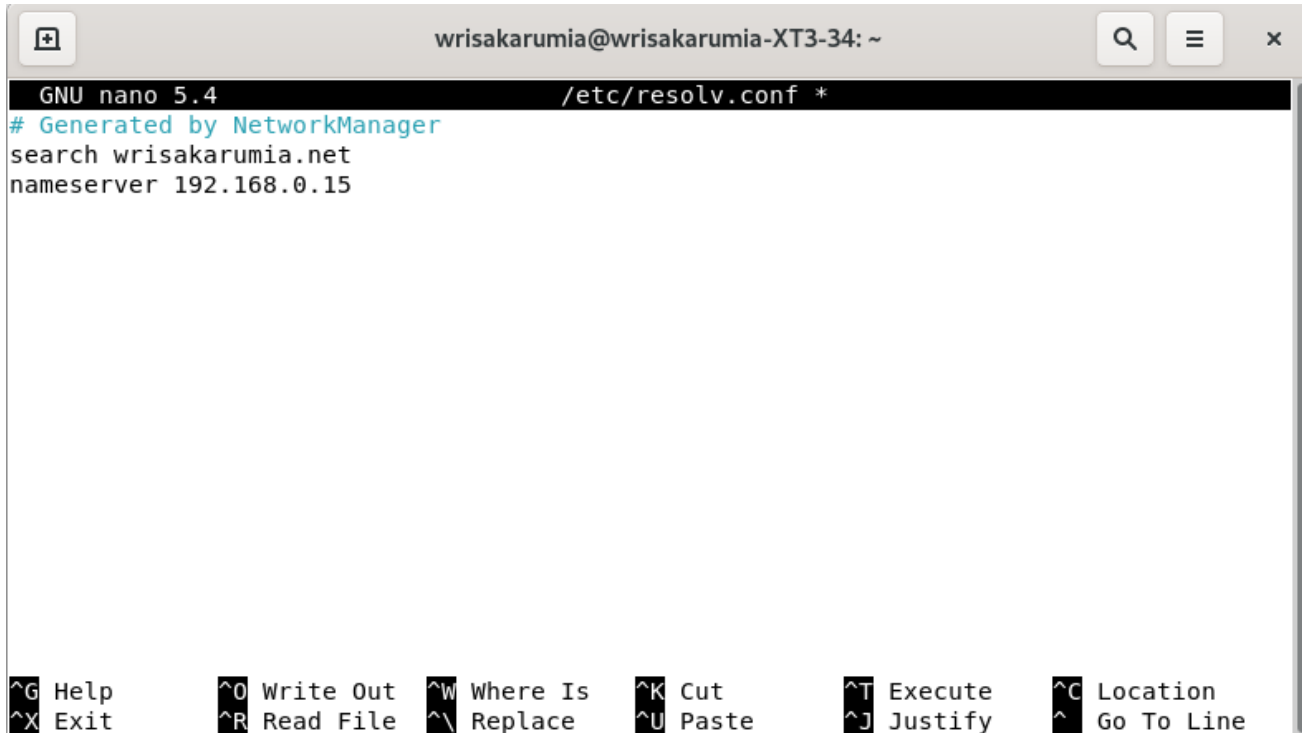
    // If there is a firewall between you and nameservers you want
    // to talk to, you may need to fix the firewall to allow multiple
    // ports to talk.  See http://www.kb.cert.org/vuls/id/800113

    // If your ISP provided one or more IP addresses for stable
    // nameservers, you probably want to use them as forwarders.
    // Uncomment the following block, and insert the addresses replacing
    // the all-0's placeholder.

    forwarders {
        192.168.0.15;
    };

    //=====
    // If BIND logs error messages about the root key being expired,
Save modified buffer?
Y Yes
N No      ^C Cancel
```

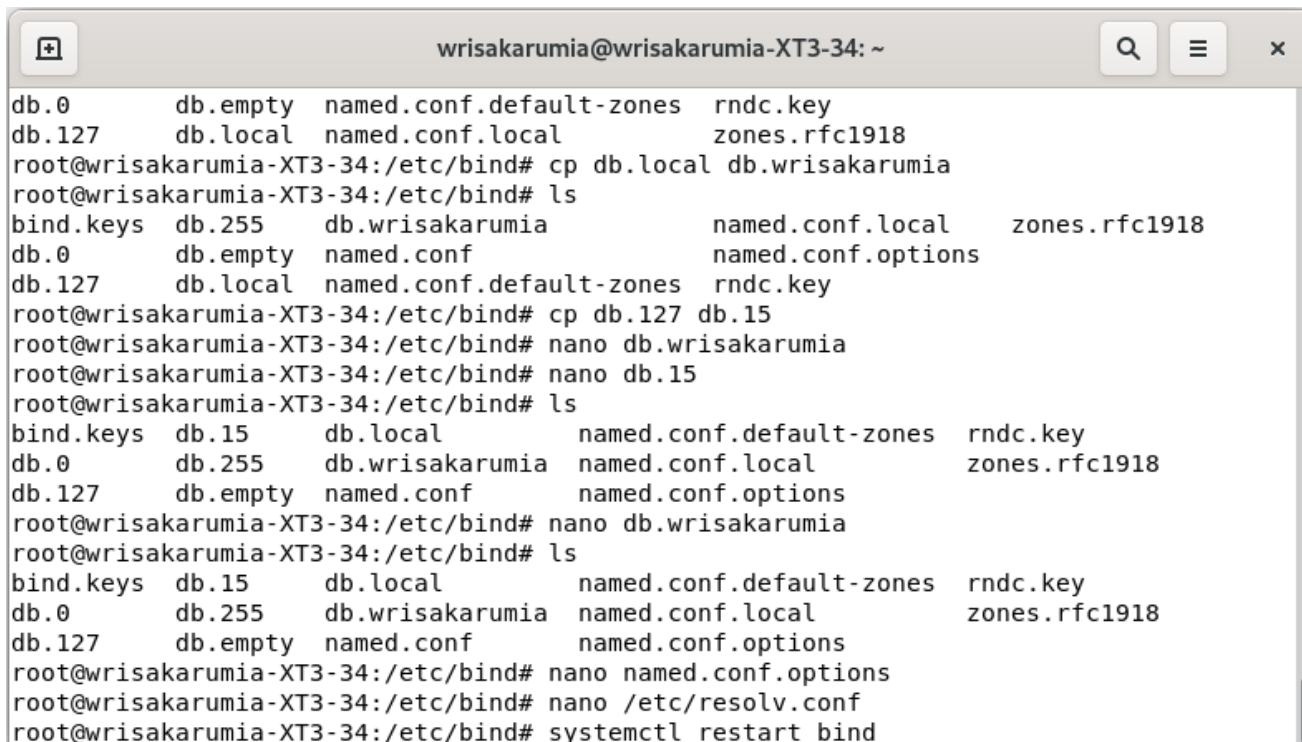
21. **Penjelasan** : Ketik /etc/resolv.conf. Ketik search nama domain kalian, Ketik lagi nameserver nama ip debain kalian



```
GNU nano 5.4 /etc/resolv.conf *
# Generated by NetworkManager
search wrisakarumia.net
nameserver 192.168.0.15

^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
```

22. **Penjelasan** : Ketik systemctl restart bind



```
wrisakarumia@wrisakarumia-XT3-34: ~
db.0      db.empty  named.conf.default-zones  rndc.key
db.127    db.local  named.conf.local          zones.rfc1918
root@wrisakarumia-XT3-34:/etc/bind# cp db.local db.wrisakarumia
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.255    db.wrisakarumia          named.conf.local  zones.rfc1918
db.0      db.empty  named.conf               named.conf.options
db.127    db.local  named.conf.default-zones rndc.key
root@wrisakarumia-XT3-34:/etc/bind# cp db.127 db.15
root@wrisakarumia-XT3-34:/etc/bind# nano db.wrisakarumia
root@wrisakarumia-XT3-34:/etc/bind# nano db.15
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.15     db.local                named.conf.default-zones  rndc.key
db.0      db.255    db.wrisakarumia          named.conf.local          zones.rfc1918
db.127    db.empty  named.conf               named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano db.wrisakarumia
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.15     db.local                named.conf.default-zones  rndc.key
db.0      db.255    db.wrisakarumia          named.conf.local          zones.rfc1918
db.127    db.empty  named.conf               named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano /etc/resolv.conf
root@wrisakarumia-XT3-34:/etc/bind# systemctl restart bind
```

23. Penjelasan : Ketik nano name.conf

```
wrisakarumia@wrisakarumia-XT3-34: /etc/bind
[1]+  Stopped                  nano db.15
root@wrisakarumia-XT3-34:/etc/bind# cd db.local db.wrisakarumia
bash: cd: too many arguments
root@wrisakarumia-XT3-34:/etc/bind# cp db.local db.wrisakarumia
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.15      db.local      named.conf.default-zones  rndc.key
db.0       db.255     db.wrisakarumia  named.conf.local          zones.rfc1918
db.127     db.empty   named.conf      named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# cp db.127 db.15
root@wrisakarumia-XT3-34:/etc/bind# nano db.wrisakarumia
root@wrisakarumia-XT3-34:/etc/bind# nano db.15
root@wrisakarumia-XT3-34:/etc/bind# nano db.15
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.15      db.local      named.conf.default-zones  rndc.key
db.0       db.255     db.wrisakarumia  named.conf.local          zones.rfc1918
db.127     db.empty   named.conf      named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.local
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.15      db.local      named.conf.default-zones  rndc.key
db.0       db.255     db.wrisakarumia  named.conf.local          zones.rfc1918
db.127     db.empty   named.conf      named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano name.conf
root@wrisakarumia-XT3-34:/etc/bind# nano name.conf.default-zones
```

24. Penjelasan : Ketik nano name.conf.default-zones

```
wrisakarumia@wrisakarumia-XT3-34: /etc/bind
[1]+  Stopped                  nano db.15
root@wrisakarumia-XT3-34:/etc/bind# cd db.local db.wrisakarumia
bash: cd: too many arguments
root@wrisakarumia-XT3-34:/etc/bind# cp db.local db.wrisakarumia
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.15      db.local      named.conf.default-zones  rndc.key
db.0       db.255     db.wrisakarumia  named.conf.local          zones.rfc1918
db.127     db.empty   named.conf      named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# cp db.127 db.15
root@wrisakarumia-XT3-34:/etc/bind# nano db.wrisakarumia
root@wrisakarumia-XT3-34:/etc/bind# nano db.15
root@wrisakarumia-XT3-34:/etc/bind# nano db.15
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.15      db.local      named.conf.default-zones  rndc.key
db.0       db.255     db.wrisakarumia  named.conf.local          zones.rfc1918
db.127     db.empty   named.conf      named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.local
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.15      db.local      named.conf.default-zones  rndc.key
db.0       db.255     db.wrisakarumia  named.conf.local          zones.rfc1918
db.127     db.empty   named.conf      named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano name.conf
root@wrisakarumia-XT3-34:/etc/bind# nano name.conf.default-zones
```


25. **Penjelasan** : Ketik db. 15 atau nama terakhir ip Debian kalian



```
GNU nano 5.4 named.conf.default-zones
// prime the server with knowledge of the root servers
zone "." {
    type hint;
    file "/usr/share/dns/root.hints";
};

// be authoritative for the localhost forward and reverse zones, and for
// broadcast zones as per RFC 1912

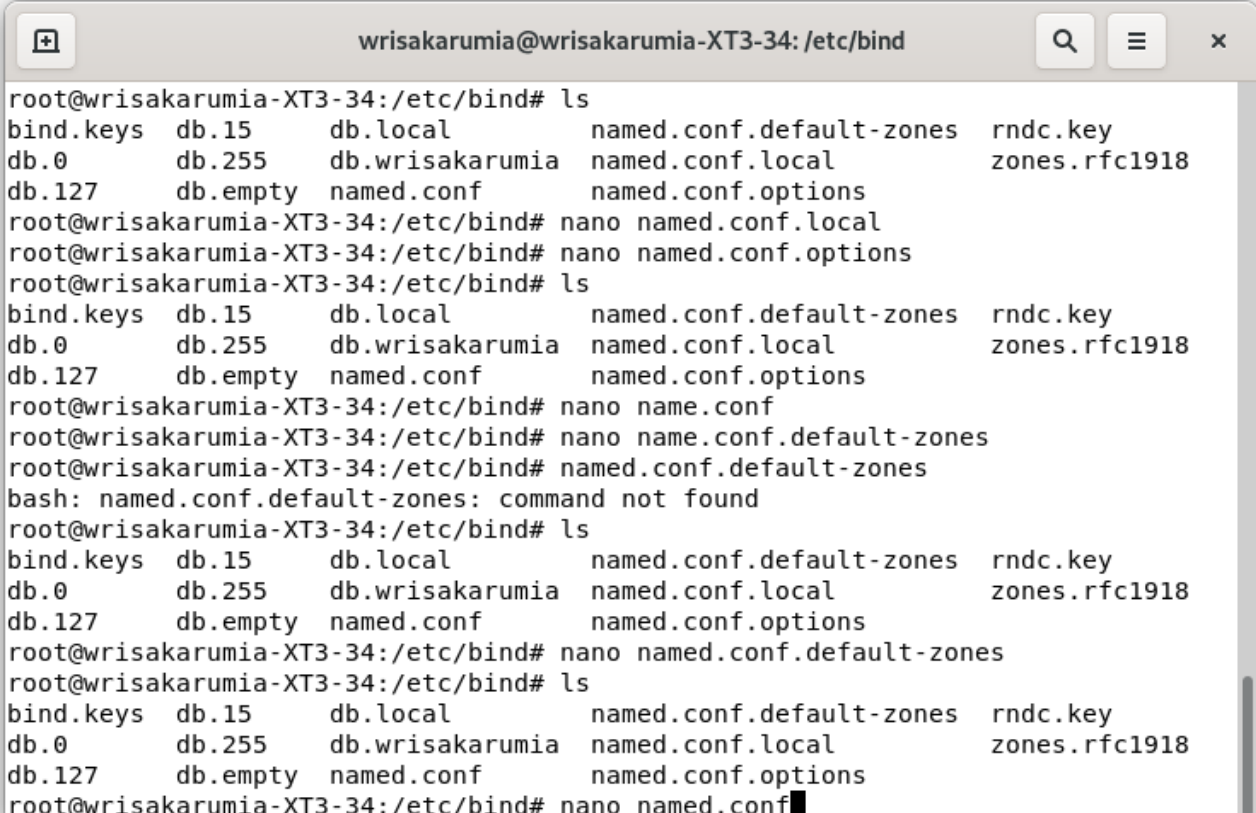
zone "wrisakarumia.net" {
    type master;
    file "/etc/bind/db.wrisakarumia";
};

zone "0.168.192.in-addr.arpa" {
    type master;
    file "/etc/bind/db.15";
};

zone "0.in-addr.arpa" {
    type master;
    file "/etc/bind/db.0";
};

[ Read 29 lines ]
^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^N Replace   ^U Paste     ^J Justify   ^_ Go To Line
```

26. **Penjelasan** : Ketik nano named.conf



```
wrisakarumia@wrisakarumia-XT3-34: /etc/bind
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.15      db.local   named.conf.default-zones  rndc.key
db.0       db.255    db.wrisakarumia  named.conf.local          zones.rfc1918
db.127     db.empty  named.conf      named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.local
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.15      db.local   named.conf.default-zones  rndc.key
db.0       db.255    db.wrisakarumia  named.conf.local          zones.rfc1918
db.127     db.empty  named.conf      named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano name.conf
root@wrisakarumia-XT3-34:/etc/bind# nano name.conf.default-zones
root@wrisakarumia-XT3-34:/etc/bind# named.conf.default-zones
bash: named.conf.default-zones: command not found
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.15      db.local   named.conf.default-zones  rndc.key
db.0       db.255    db.wrisakarumia  named.conf.local          zones.rfc1918
db.127     db.empty  named.conf      named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.default-zones
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys  db.15      db.local   named.conf.default-zones  rndc.key
db.0       db.255    db.wrisakarumia  named.conf.local          zones.rfc1918
db.127     db.empty  named.conf      named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf
```


27. **Penjelasan** : Tidak perlu diubah

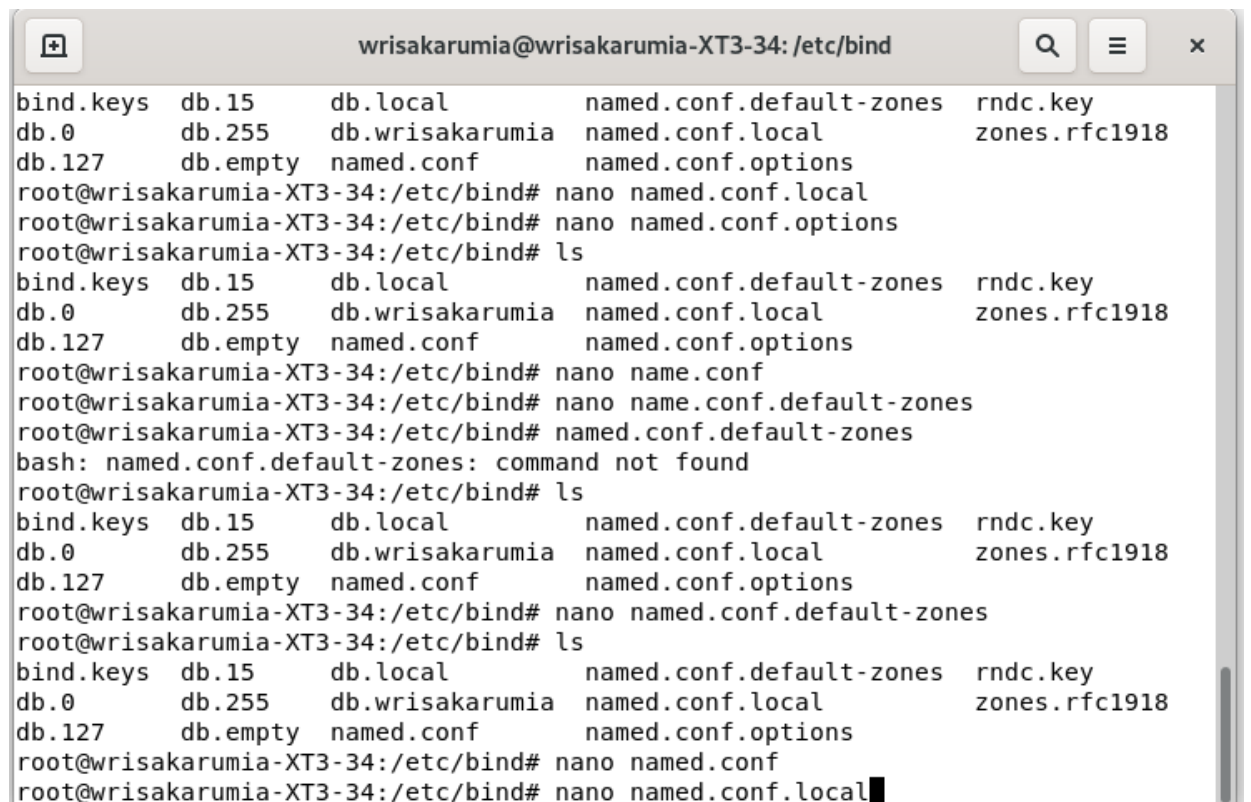


```
wrisakarumia@wrisakarumia-XT3-34: /etc/bind
GNU nano 5.4 named.conf
// This is the primary configuration file for the BIND DNS server named.
//
// Please read /usr/share/doc/bind9/README.Debian.gz for information on the
// structure of BIND configuration files in Debian, *BEFORE* you customize
// this configuration file.
//
// If you are just adding zones, please do that in /etc/bind/named.conf.local

include "/etc/bind/named.conf.options";
include "/etc/bind/named.conf.local";
include "/etc/bind/named.conf.default-zones";

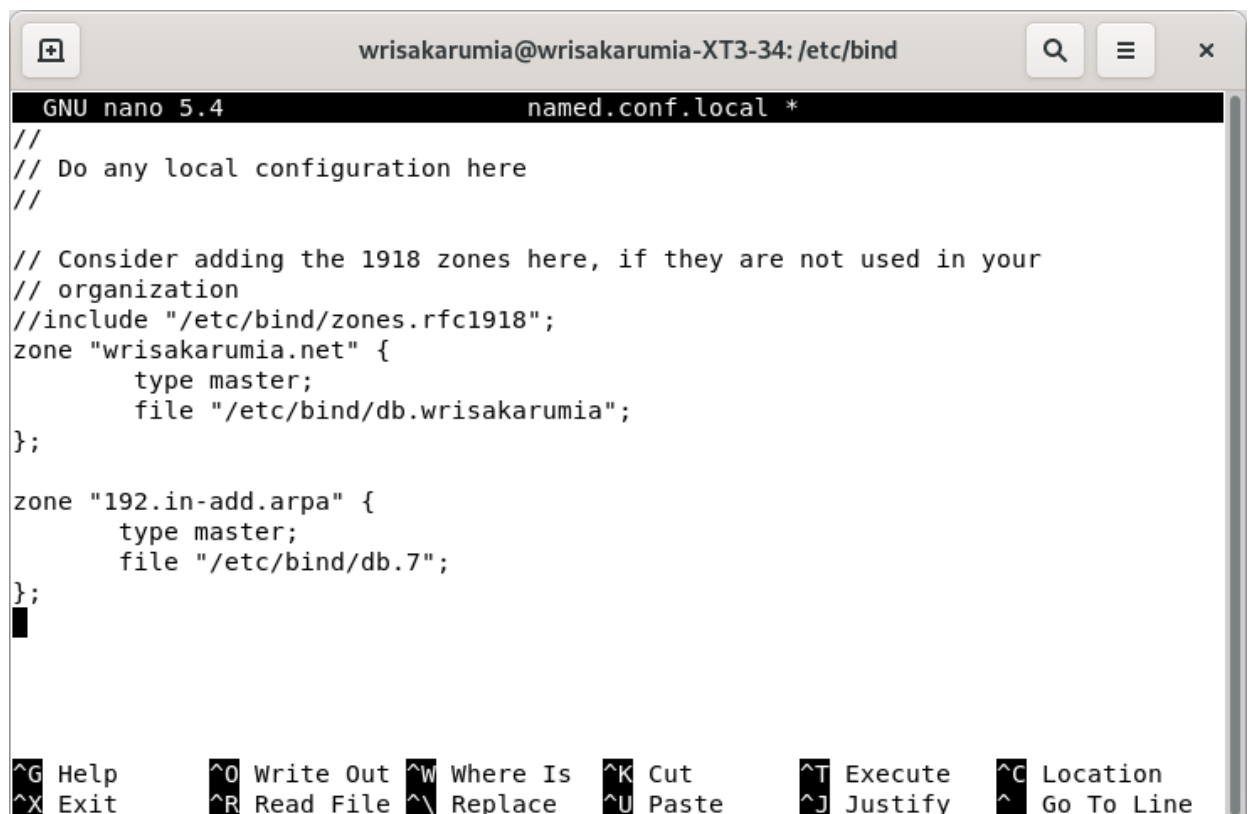
[ Read 11 lines ]
^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^_ Go To Line
```

28. **Penjelasan** : Ketik nano named.conf.local



```
wrisakarumia@wrisakarumia-XT3-34: /etc/bind
bind.keys db.15 db.local named.conf.default-zones rndc.key
db.0 db.255 db.wrisakarumia named.conf.local zones.rfc1918
db.127 db.empty named.conf named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.local
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys db.15 db.local named.conf.default-zones rndc.key
db.0 db.255 db.wrisakarumia named.conf.local zones.rfc1918
db.127 db.empty named.conf named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano name.conf
root@wrisakarumia-XT3-34:/etc/bind# nano name.conf.default-zones
root@wrisakarumia-XT3-34:/etc/bind# named.conf.default-zones
bash: named.conf.default-zones: command not found
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys db.15 db.local named.conf.default-zones rndc.key
db.0 db.255 db.wrisakarumia named.conf.local zones.rfc1918
db.127 db.empty named.conf named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.default-zones
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys db.15 db.local named.conf.default-zones rndc.key
db.0 db.255 db.wrisakarumia named.conf.local zones.rfc1918
db.127 db.empty named.conf named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.local
```

29. **Penjelasan** : Jangan diubah



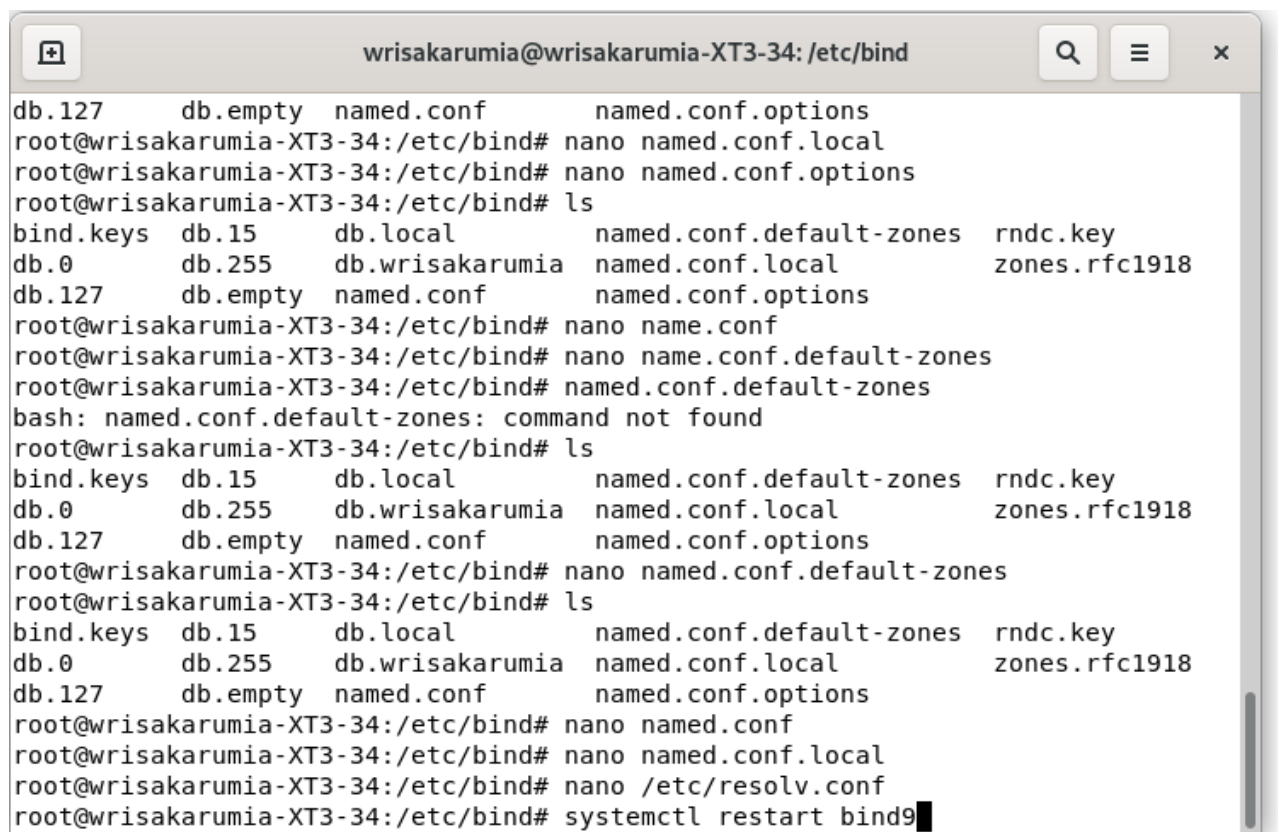
```
GNU nano 5.4 named.conf.local *
//
// Do any local configuration here
//

// Consider adding the 1918 zones here, if they are not used in your
// organization
//include "/etc/bind/zones.rfc1918";
zone "wrisakarumia.net" {
    type master;
    file "/etc/bind/db.wrisakarumia";
};

zone "192.in-add.arpa" {
    type master;
    file "/etc/bind/db.7";
};
█

^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
```

30. **Penjelasan** : Ketik systemctl restart bind9



```
wrisakarumia@wrisakarumia-XT3-34: /etc/bind
db.127 db.empty named.conf named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.local
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys db.15 db.local named.conf.default-zones rndc.key
db.0 db.255 db.wrisakarumia named.conf.local zones.rfc1918
db.127 db.empty named.conf named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano name.conf
root@wrisakarumia-XT3-34:/etc/bind# nano name.conf.default-zones
root@wrisakarumia-XT3-34:/etc/bind# named.conf.default-zones
bash: named.conf.default-zones: command not found
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys db.15 db.local named.conf.default-zones rndc.key
db.0 db.255 db.wrisakarumia named.conf.local zones.rfc1918
db.127 db.empty named.conf named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.default-zones
root@wrisakarumia-XT3-34:/etc/bind# ls
bind.keys db.15 db.local named.conf.default-zones rndc.key
db.0 db.255 db.wrisakarumia named.conf.local zones.rfc1918
db.127 db.empty named.conf named.conf.options
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.local
root@wrisakarumia-XT3-34:/etc/bind# nano /etc/resolv.conf
root@wrisakarumia-XT3-34:/etc/bind# systemctl restart bind9█
```

31. **Penjelasan** : Ketik nslookup wrisakarumia.com (nama domain kalian)

```
wrisakarumia@wrisakarumia-XT3-34: ~  
root@wrisakarumia-XT3-34:/etc/apache2/sites-available# cd ../  
root@wrisakarumia-XT3-34:/etc/apache2# cd sites-enabled/  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# ls  
34wrisakarumia.conf  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# nano 34wrisakarumia.conf  
root@wrisakarumia-XT3-34:/etc/apache2/sites-enabled# cd /etc/bind  
root@wrisakarumia-XT3-34:/etc/bind# ls  
bind.keys  db.15      db.local      named.conf.default-zones  rndc.key  
db.0       db.255     db.wrisakarumia  named.conf.local          zones.rfc1918  
db.127     db.empty   named.conf       named.conf.options  
root@wrisakarumia-XT3-34:/etc/bind# nano db.wrisakarumia  
root@wrisakarumia-XT3-34:/etc/bind# nano db.15  
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.default-zones  
root@wrisakarumia-XT3-34:/etc/bind# nano named.conf.options  
root@wrisakarumia-XT3-34:/etc/bind# systemctl restart bind9  
root@wrisakarumia-XT3-34:/etc/bind# systemctl restart bind9  
root@wrisakarumia-XT3-34:/etc/bind# nslookup wrisakarumia.com  
Server:          192.168.0.15  
Address:         192.168.0.15#53  
  
Name:   wrisakarumia.com  
Address: 192.168.0.15  
  
root@wrisakarumia-XT3-34:/etc/bind#
```

32. **Penjelasan** : Ketik nama domain kalian. Nanti akan muncul begini

