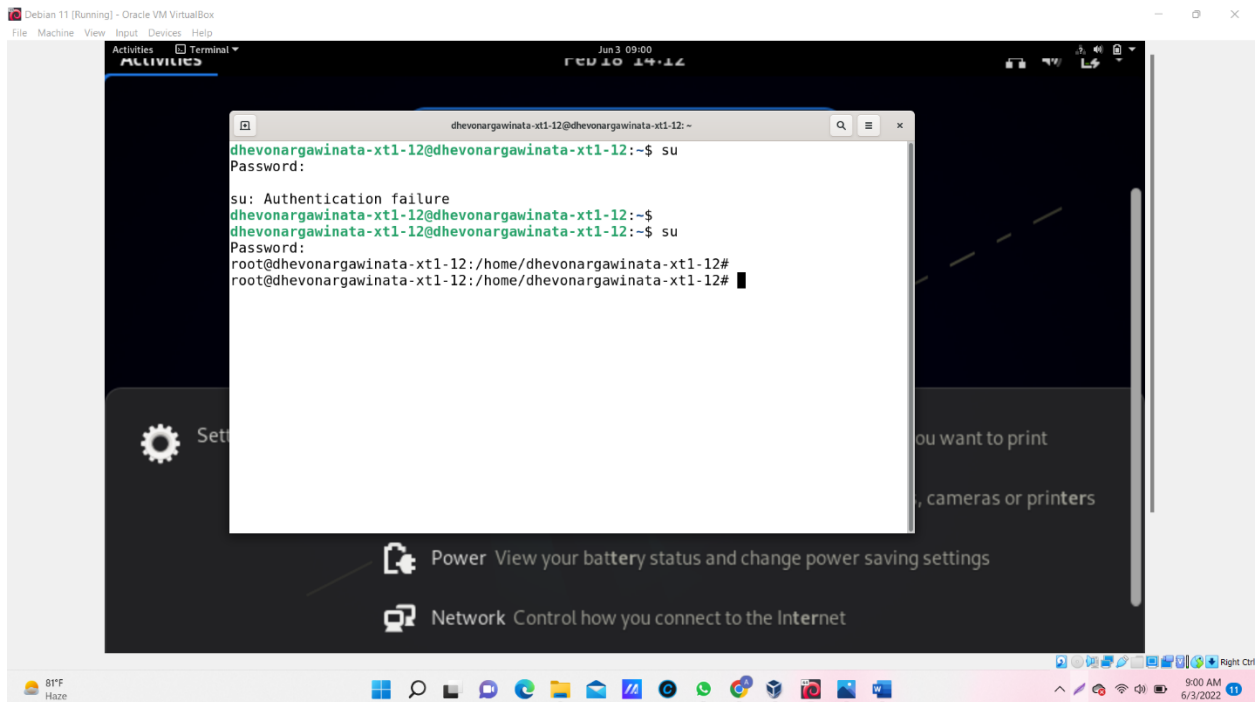


Laporan Instalasi Debian (Apache9 & Bind9)  
Virtual Box

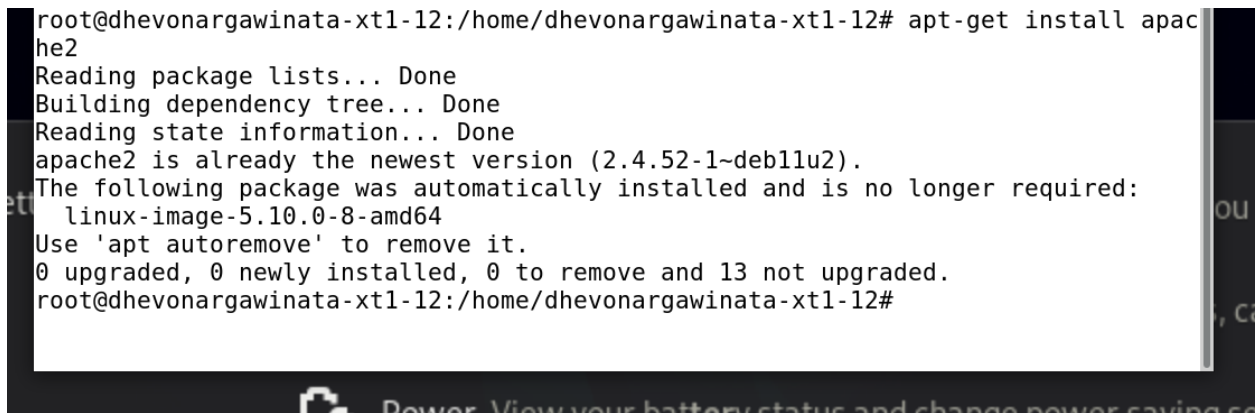


**OLEH :**  
**Dhevon Arga Winata (12)**  
**X TKJ 1**

1. Pertama-tama buka dulu terminal dan ketik “su”



2. Kemudian untuk install apache2 yaitu ketik “apt get install apache2”

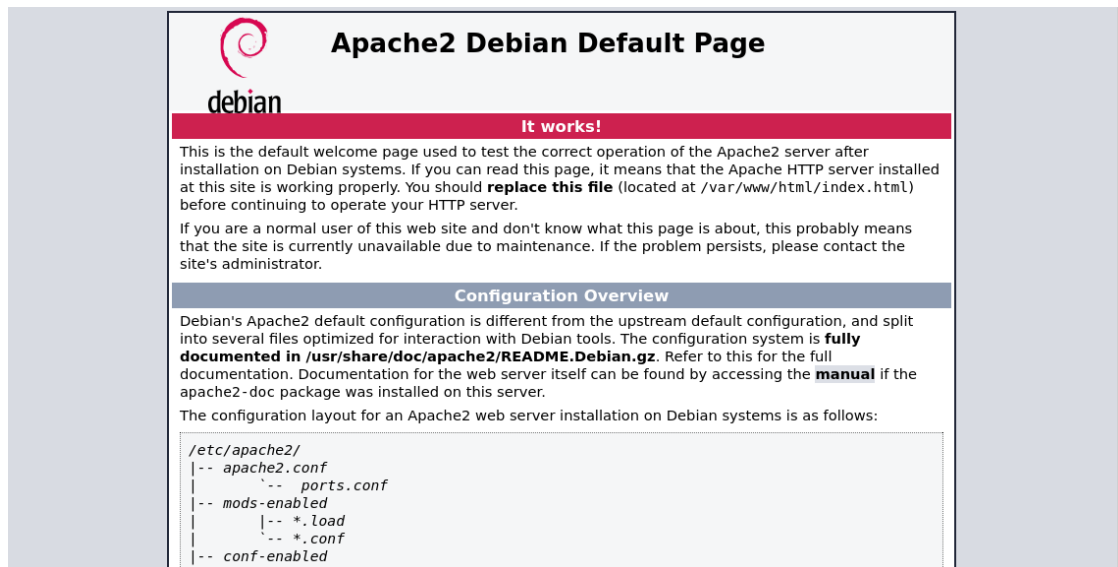


3. Untuk mengecek status apache2 yaitu ketik “systemctl status apache2”

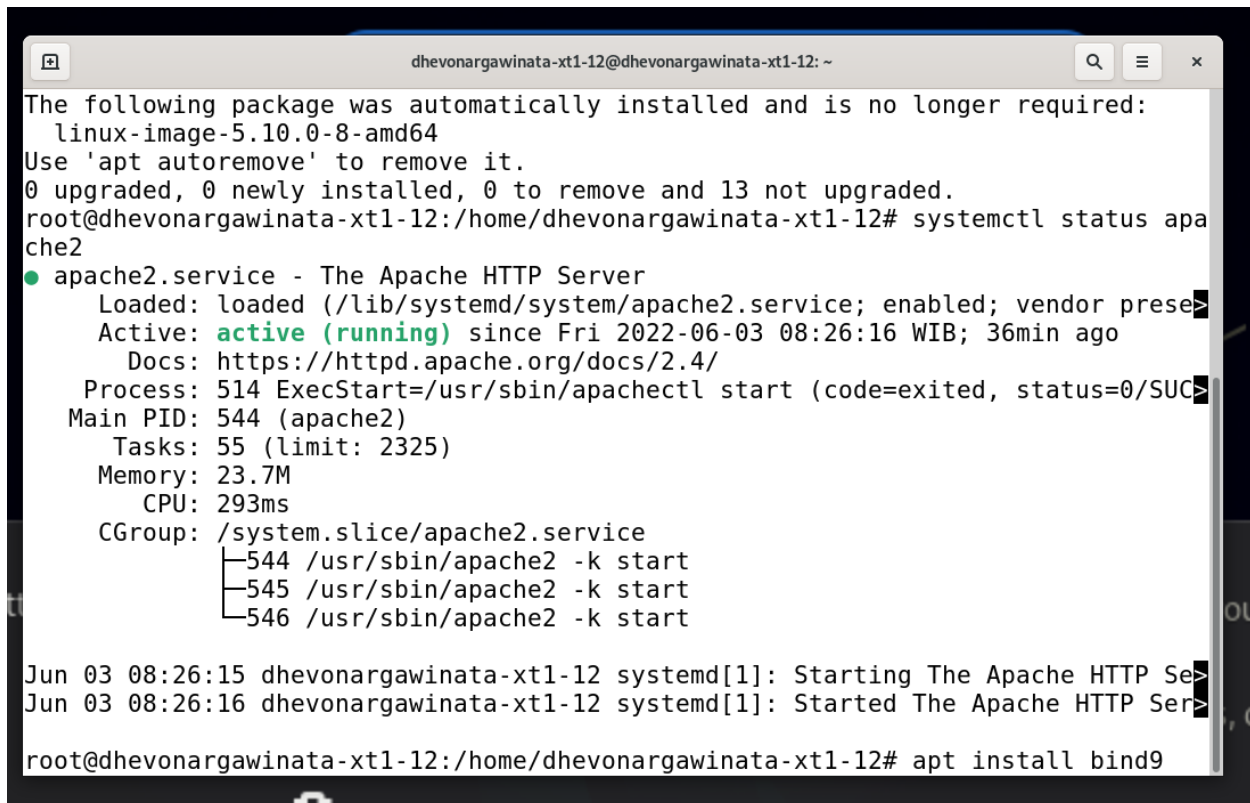
```
dhevonargawinata-xt1-12@dhevonargawinata-xt1-12: ~
apache2 is already the newest version (2.4.52-1~deb11u2).
The following package was automatically installed and is no longer required:
  linux-image-5.10.0-8-amd64
Use 'apt autoremove' to remove it.
0 upgraded, 0 newly installed, 0 to remove and 13 not upgraded.
root@dhevonargawinata-xt1-12:/home/dhevonargawinata-xt1-12# systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor prese>
   Active: active (running) since Fri 2022-06-03 08:26:16 WIB; 36min ago
     Docs: https://httpd.apache.org/docs/2.4/
  Process: 514 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUC>
 Main PID: 544 (apache2)
    Tasks: 55 (limit: 2325)
   Memory: 23.7M
      CPU: 293ms
   CGroup: /system.slice/apache2.service
           └─544 /usr/sbin/apache2 -k start
             └─545 /usr/sbin/apache2 -k start
               └─546 /usr/sbin/apache2 -k start

Jun 03 08:26:15 dhevonargawinata-xt1-12 systemd[1]: Starting The Apache HTTP Se>
Jun 03 08:26:16 dhevonargawinata-xt1-12 systemd[1]: Started The Apache HTTP Ser>
lines 1-16/16 (END)
```

4. Setelah itu coba cek lagi di Mozilla Firofox apakah Apache sudah terinstall



5. Kemudian selanjutnya kita install Bind9 yaitu ketik “apt install bind9”



```
dhevonargawinata-xt1-12@dhevonargawinata-xt1-12: ~
The following package was automatically installed and is no longer required:
  linux-image-5.10.0-8-amd64
Use 'apt autoremove' to remove it.
0 upgraded, 0 newly installed, 0 to remove and 13 not upgraded.
root@dhevonargawinata-xt1-12:/home/dhevonargawinata-xt1-12# systemctl status apa
che2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor prese>
   Active: active (running) since Fri 2022-06-03 08:26:16 WIB; 36min ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 514 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUC>
   Main PID: 544 (apache2)
      Tasks: 55 (limit: 2325)
     Memory: 23.7M
        CPU: 293ms
    CGroup: /system.slice/apache2.service
            └─544 /usr/sbin/apache2 -k start
              └─545 /usr/sbin/apache2 -k start
                └─546 /usr/sbin/apache2 -k start

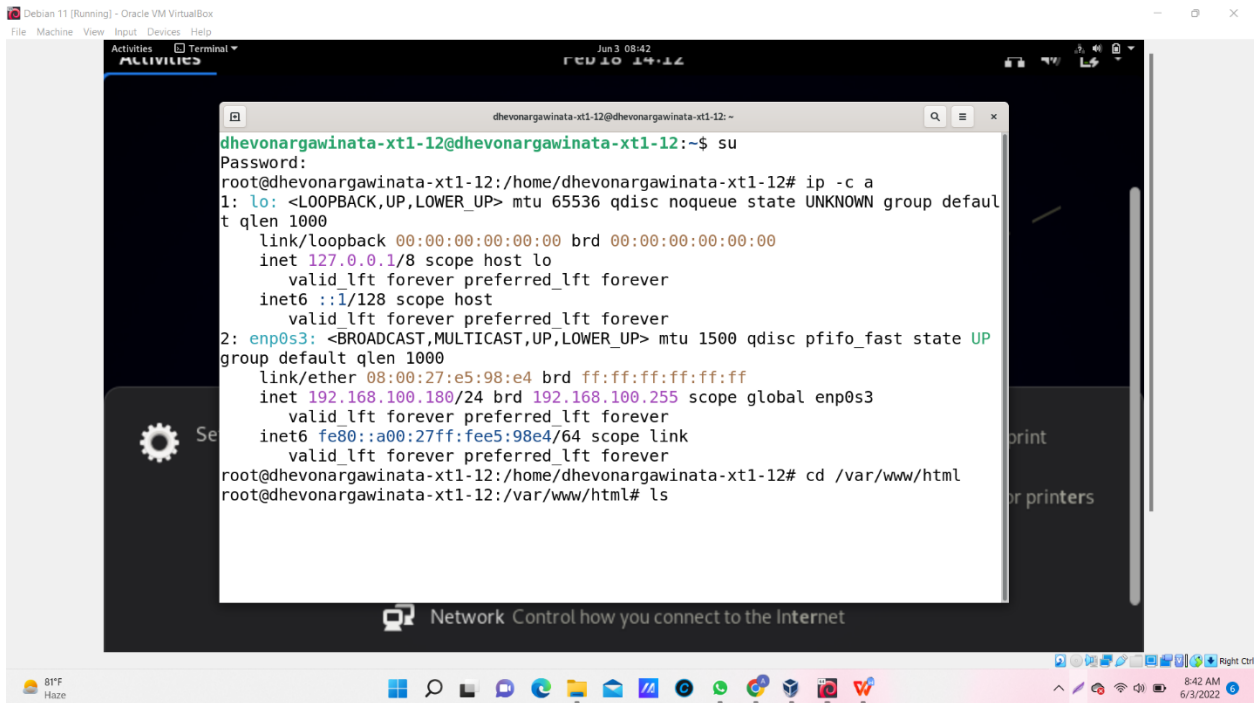
Jun 03 08:26:15 dhevonargawinata-xt1-12 systemd[1]: Starting The Apache HTTP Se>
Jun 03 08:26:16 dhevonargawinata-xt1-12 systemd[1]: Started The Apache HTTP Ser>
root@dhevonargawinata-xt1-12:/home/dhevonargawinata-xt1-12# apt install bind9
```

6. Untuk mengecek status Bind9 yaitu ketik “systemctl status Bind9”

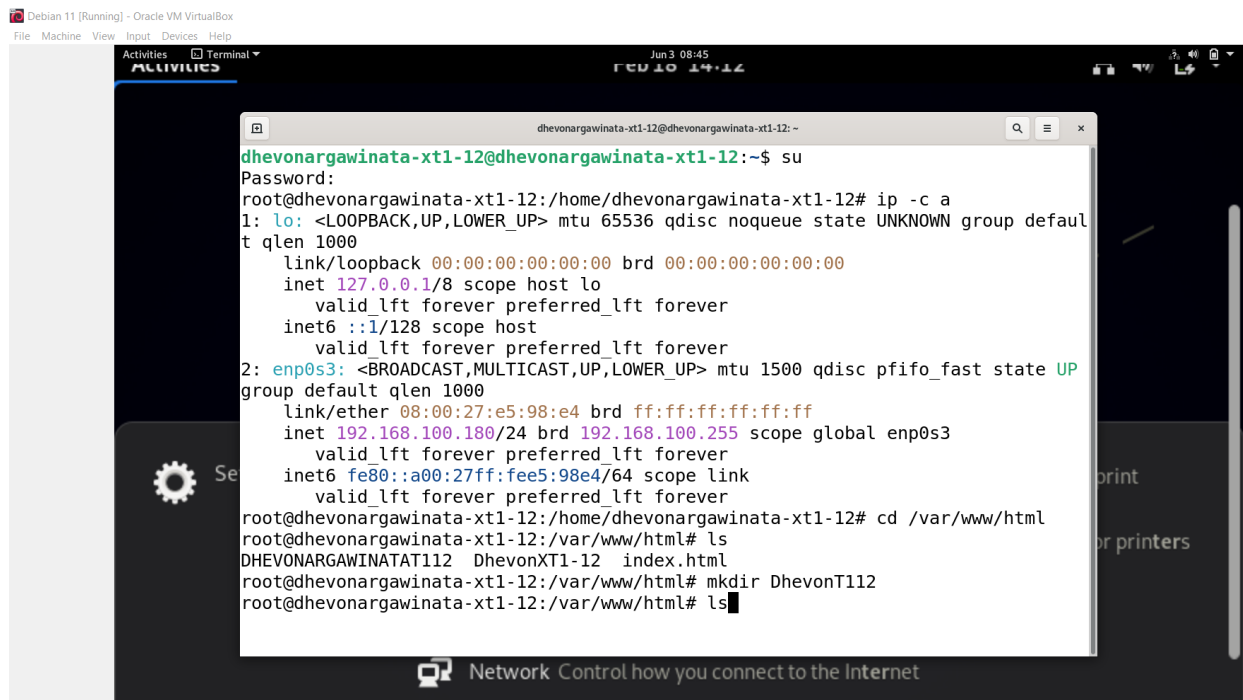
```
root@dhevonargawinata-xt1-12:/home/dhevonargawinata-xt1-12# systemctl status bind9
● named.service - BIND Domain Name Server
   Loaded: loaded (/lib/systemd/system/named.service; enabled; vendor preset: enabled)
   Active: active (running) since Fri 2022-06-03 08:26:15 WIB; 39min ago
     Docs: man:named(8)
  Main PID: 513 (named)
    Tasks: 5 (limit: 2325)
   Memory: 18.6M
      CPU: 185ms
   CGroup: /system.slice/named.service
           └─513 /usr/sbin/named -f -u bind

Jun 03 08:26:16 dhevonargawinata-xt1-12 named[513]: network unreachable resolv
Jun 03 08:26:16 dhevonargawinata-xt1-12 named[513]: network unreachable resolv
Jun 03 08:26:16 dhevonargawinata-xt1-12 named[513]: network unreachable resolv
Jun 03 08:26:16 dhevonargawinata-xt1-12 named[513]: zone 127.in-addr.arpa/IN: l
Jun 03 08:26:16 dhevonargawinata-xt1-12 named[513]: zone localhost/IN: loaded s
Jun 03 08:26:16 dhevonargawinata-xt1-12 named[513]: zone 255.in-addr.arpa/IN: l
Jun 03 08:26:16 dhevonargawinata-xt1-12 named[513]: all zones loaded
Jun 03 08:26:16 dhevonargawinata-xt1-12 named[513]: running
Jun 03 08:26:26 dhevonargawinata-xt1-12 named[513]: managed-keys-zone: Unable t
Jun 03 08:26:26 dhevonargawinata-xt1-12 named[513]: resolver priming query comp
lines 1-21/21 (END)
```

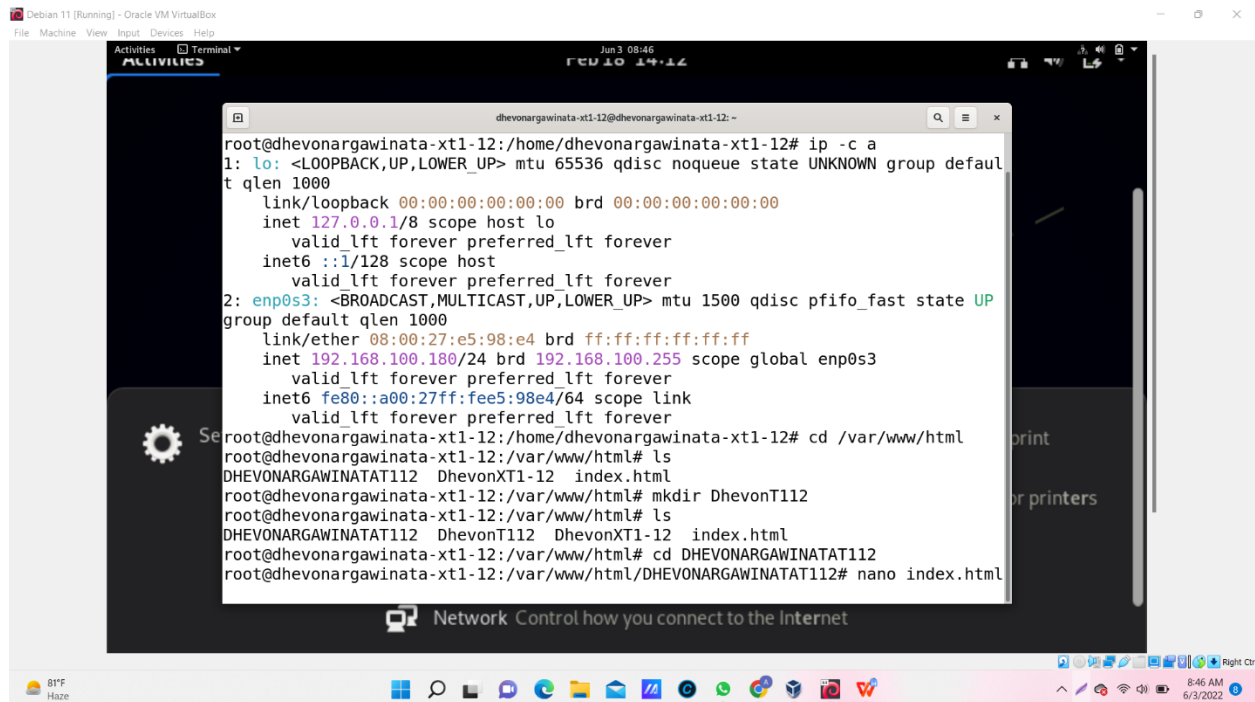
7. Lanjut masuk ke cd dengan ketikkan "cd /" masuk lagi di " / var/www/html" klik enter, jika sudah klik "ls" untuk masuk ke "index.html"



8. Kita tambahkan tittle di html kita misal saya "rayhanT132" dengan ketikan "mkdir rayhanT132" Untuk masuk ketik "ls".jika sudah disitu akan tercantum nama yang sudah kita masukkan.

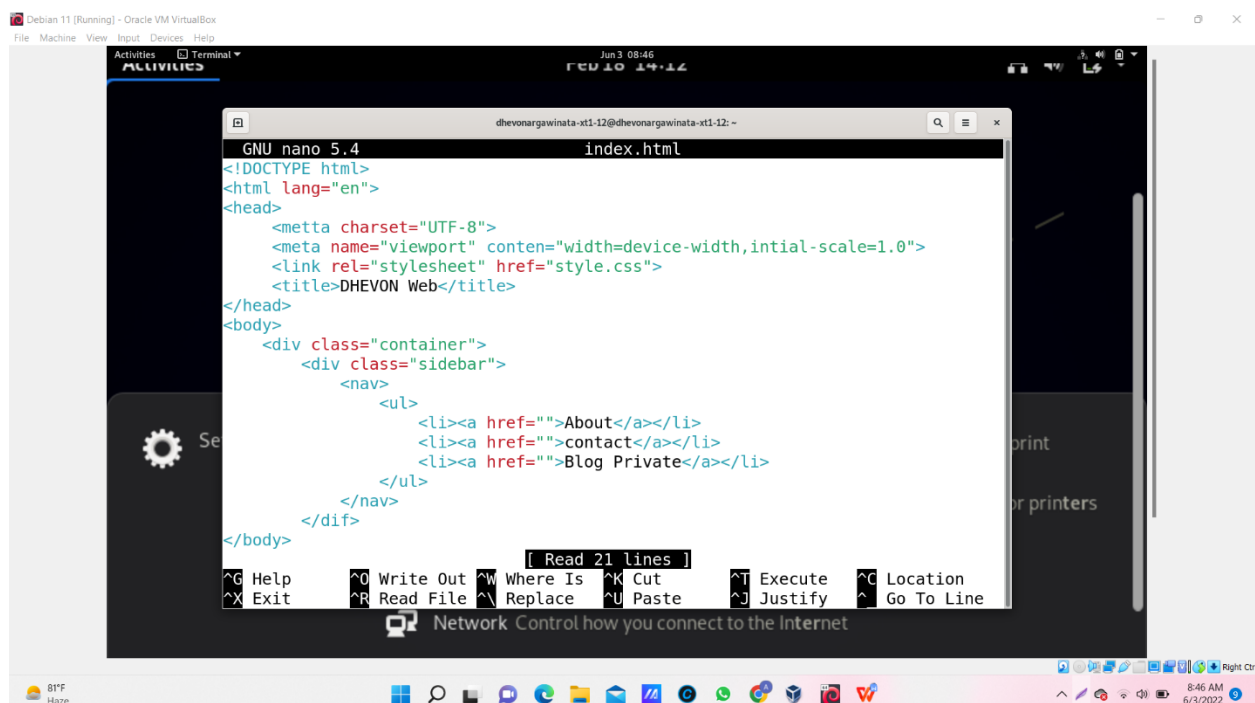


9. Jika sudah masuk ke rayhanT132 dengan ketikkan “cd rayhanT132” kemudian masuk ke file html dengan ketikkan “nano index.html”



```
root@dhevonargawinata-xt1-12:/home/dhevonargawinata-xt1-12# 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: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
    link/ether 08:00:27:e5:98:e4 brd ff:ff:ff:ff:ff:ff
    inet 192.168.100.180/24 brd 192.168.100.255 scope global enp0s3
        valid_lft forever preferred_lft forever
    inet6 fe80::a00:27ff:fee5:98e4/64 scope link
        valid_lft forever preferred_lft forever
root@dhevonargawinata-xt1-12:/home/dhevonargawinata-xt1-12# cd /var/www/html
root@dhevonargawinata-xt1-12:/var/www/html# ls
DHEVONARGAWINATAT112  DhevonXT1-12  index.html
root@dhevonargawinata-xt1-12:/var/www/html# mkdir DhevonT112
root@dhevonargawinata-xt1-12:/var/www/html# ls
DHEVONARGAWINATAT112  DhevonT112  DhevonXT1-12  index.html
root@dhevonargawinata-xt1-12:/var/www/html# cd DHEVONARGAWINATAT112
root@dhevonargawinata-xt1-12:/var/www/html/DHEVONARGAWINATAT112# nano index.html
```

10. Setelah masuk ke index.html ketikkan script HTML. Disini saya hanya membuat secara sederhana yaitu nama saya sendiri\



```
GNU nano 5.4 index.html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,initial-scale=1.0">
  <link rel="stylesheet" href="style.css">
  <title>DHEVON Web</title>
</head>
<body>
  <div class="container">
    <div class="sidebar">
      <nav>
        <ul>
          <li><a href="">About</a></li>
          <li><a href="">contact</a></li>
          <li><a href="">Blog Private</a></li>
        </ul>
      </nav>
    </div>
  </body>
</div>
```

11. Jika sudah cek apakah html sudah bisa dijalankan atau belum. Cara mengeceknya yaitu dengan buka Mozilla Firofox yang ada di Debian.

