Trabajo realizado en clase

Actualizo la máquina Ubuntu.

```
ubuntu@ubuntu-VirtualBox:~$ sudo apt update
```

Instalé Apache 2.

```
ubuntu@ubuntu-VirtualBox:~$ sudo apt install apache2
```

```
ubuntu@ubuntu-VirtualBox:~$ sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
     Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor prese>
     Active: active (running) since Wed 2023-10-04 12:24:21 CEST; 1min 2s ago
       Docs: https://httpd.apache.org/docs/2.4/
   Main PID: 2891 (apache2)
      Tasks: 55 (limit: 4602)
     Memory: 5.0M
        CPU: 53ms
     CGroup: /system.slice/apache2.service
             ├─2891 /usr/sbin/apache2 -k start
             ├─2892 /usr/sbin/apache2 -k start
             └─2893 /usr/sbin/apache2 -k start

oct 04 12:24:21 ubuntu-VirtualBox systemd[1]: Starting The Apache HTTP Server...
oct 04 12:24:21 ubuntu-VirtualBox apachectl[2890]: AH00558: apache2: Could not >
oct 04 12:24:21 ubuntu-VirtualBox systemd[1]: Started The Apache HTTP Server.
```

Al enfrentarme a problemas relacionados con las IPs, opté por utilizar Netplan, lo cual me permitió abordarlos de manera más efectiva y útil.

```
# Let NetworkManager manage all devices on this system
network:
 version: 2
 renderer: NetworkManager
 ethernets:
   enp0s3:
     dhcp4: no
     addresses: [192.168.4.118/24]
     routes:
       - to: default
         via: 192.168.4.1
     nameservers:
       addresses: [8.8.8.8]

~
~
~
~
~
~
~
~
~
/etc/netplan/01-network-manager-all.yaml [RO]                    14,0-1        All
```

Modifiqué la página por defecto del servidor Apache

```
ubuntu@ubuntu-VirtualBox:~$ cd /var/www/html/
```

```
ubuntu@ubuntu-VirtualBox:/var/www/html$ sudo nvim index.html
```

```html
<h1>Roberto Lopez</h1>
```

```html
<a href="./sisi.txt" download="troyano_noesunvirus.txt">Mi enlance</a>
~
```

Modifiqué la ruta base por defecto del servidor Apache.

```
ubuntu@ubuntu-VirtualBox:~$ sudo nvim /etc/apache2/ports.conf
```

Cambié la propiedad DocumentRoot al nuevo directorio.

```
        # The ServerName directive sets the request scheme, hostname and port that
        # the server uses to identify itself. This is used when creating
        # redirection URLs. In the context of virtual hosts, the ServerName
        # specifies what hostname must appear in the request's Host: header to
        # match this virtual host. For the default virtual host (this file) this
        # value is not decisive as it is used as a last resort host regardless.
        # However, you must set it for any further virtual host explicitly.
        #ServerName www.example.com

        ServerAdmin webmaster@localhost
        DocumentRoot /home/ubuntu/Documents

        # Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
        # error, crit, alert, emerg.
        # It is also possible to configure the loglevel for particular
        # modules, e.g.
        #LogLevel info ssl:warn
```

```
<Directory /home/ubuntu/Documents>
        Require all granted
</Directory>
```

Cambié el puerto del servidor modificando los siguientes archivos de configuración.

```
ubuntu@ubuntu-VirtualBox:~$ sudo nvim /etc/apache2/ports.conf
```

```
# If you just change the port or add more ports here, you will likely also
# have to change the VirtualHost statement in
# /etc/apache2/sites-enabled/000-default.conf

Listen 81

<IfModule ssl_module>
        Listen 443
</IfModule>

<IfModule mod_gnutls.c>
        Listen 443
</IfModule>

# vim: syntax=apache ts=4 sw=4 sts=4 sr noet
```

```
ubuntu@ubuntu-VirtualBox:~$ sudo nvim /etc/apache2/sites-available/000-default.conf
<VirtualHost *:81>
        # The ServerName directive sets the request scheme, hostname and po
at
        # the server uses to identify itself. This is used when creating
        # redirection URLs. In the context of virtual hosts, the ServerName
        # specifies what hostname must appear in the request's Host: header
        # match this virtual host. For the default virtual host (this file)
        # value is not decisive as it is used as a last resort host regardl
        # However, you must set it for any further virtual host explicitly.
        #ServerName www.example.com
```