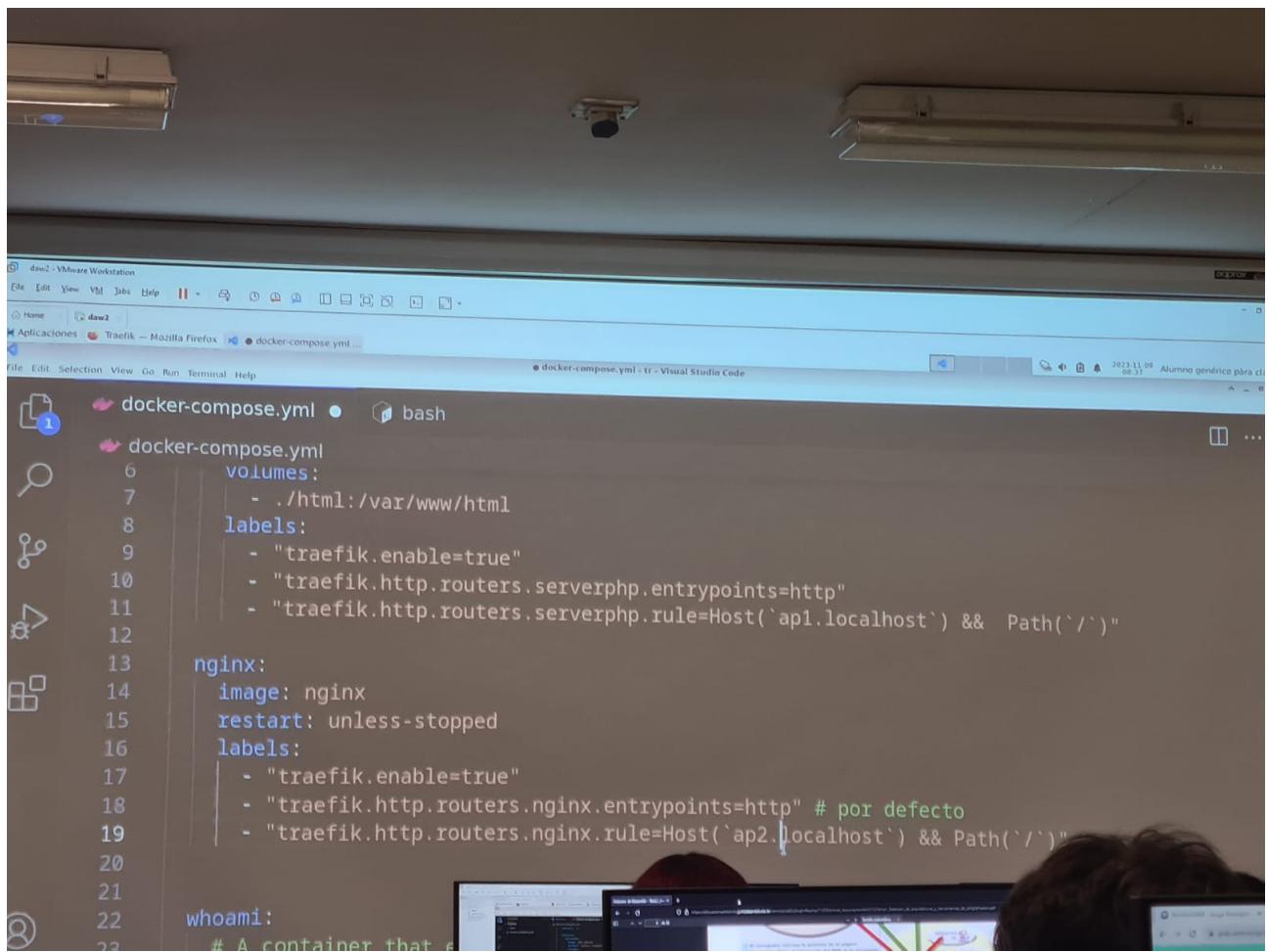
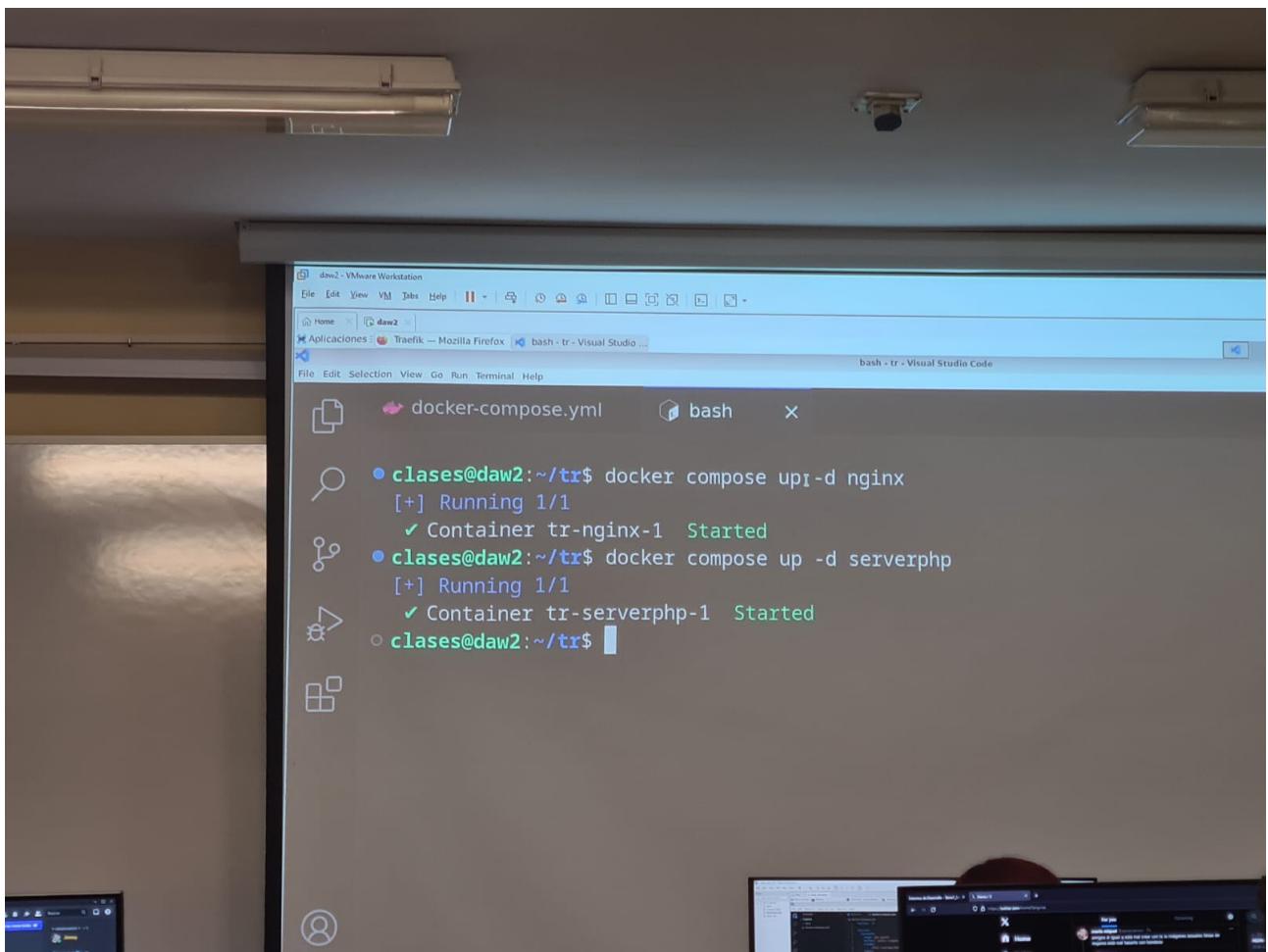
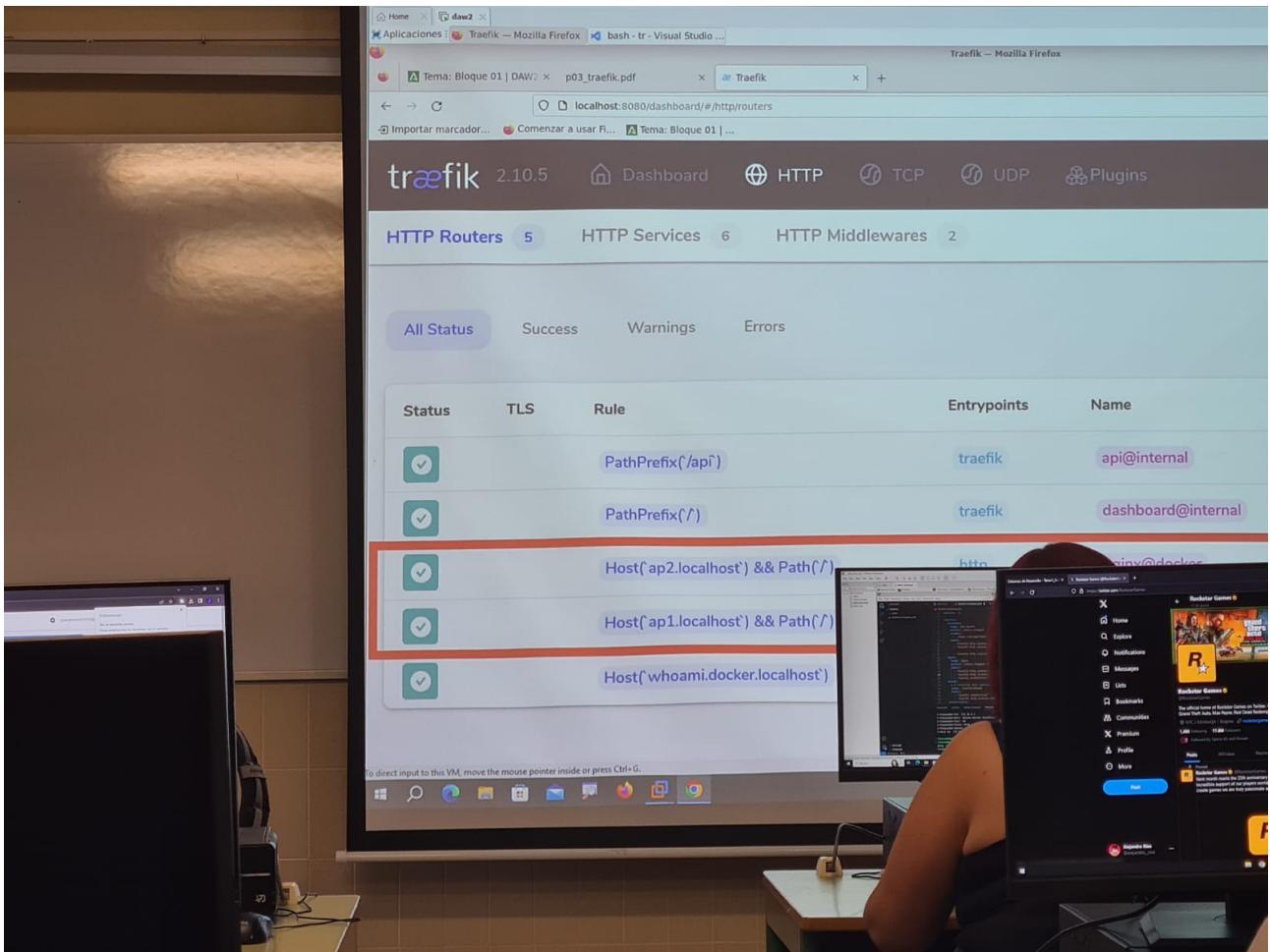


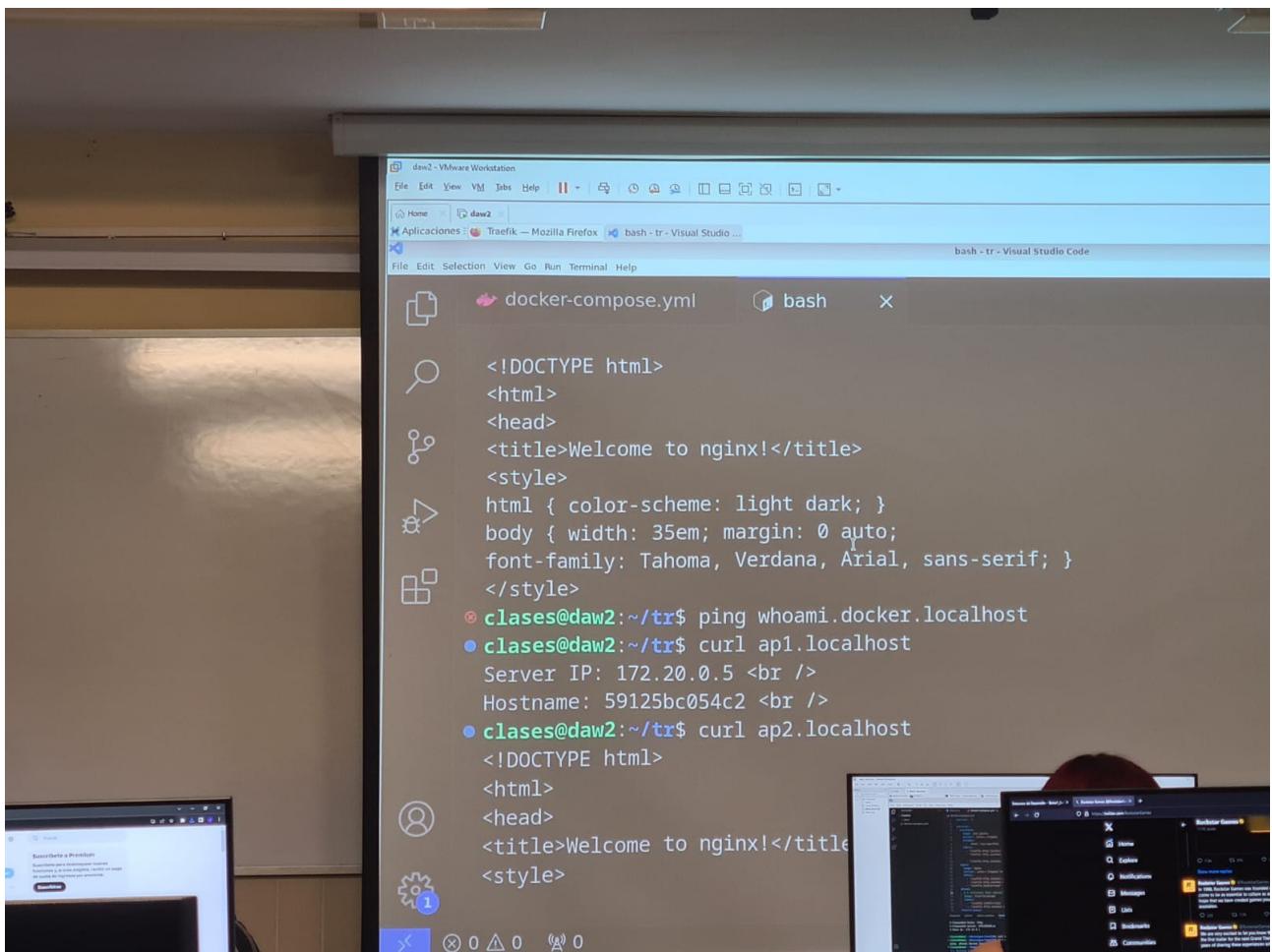
```
File Edit Selection View Go Run Terminal Help
File Home Aplicaciones Traefik - Mozilla Firefox docker-compose.yml ...
File Edit Selection View Go Run Terminal Help
docker-compose.yml • bash
docker-compose.yml
  volumes:
    - ./html:/var/www/html
  labels:
    - "traefik.enable=true"
    - "traefik.http.routers.serverphp.entrypoints=http"
    - "traefik.http.routers.serverphp.rule=Host(`ap1.localhost`) && Path(`/`)"
nginx:
  image: nginx
  restart: unless-stopped
  labels:
    - "traefik.enable=true"
    - "traefik.http.routers.nginx.entrypoints=http" # por defecto
    - "traefik.http.routers.nginx.rule=Host(`ap2.localhost`) && Path(`/`)"
whoami:
  # A container that ...

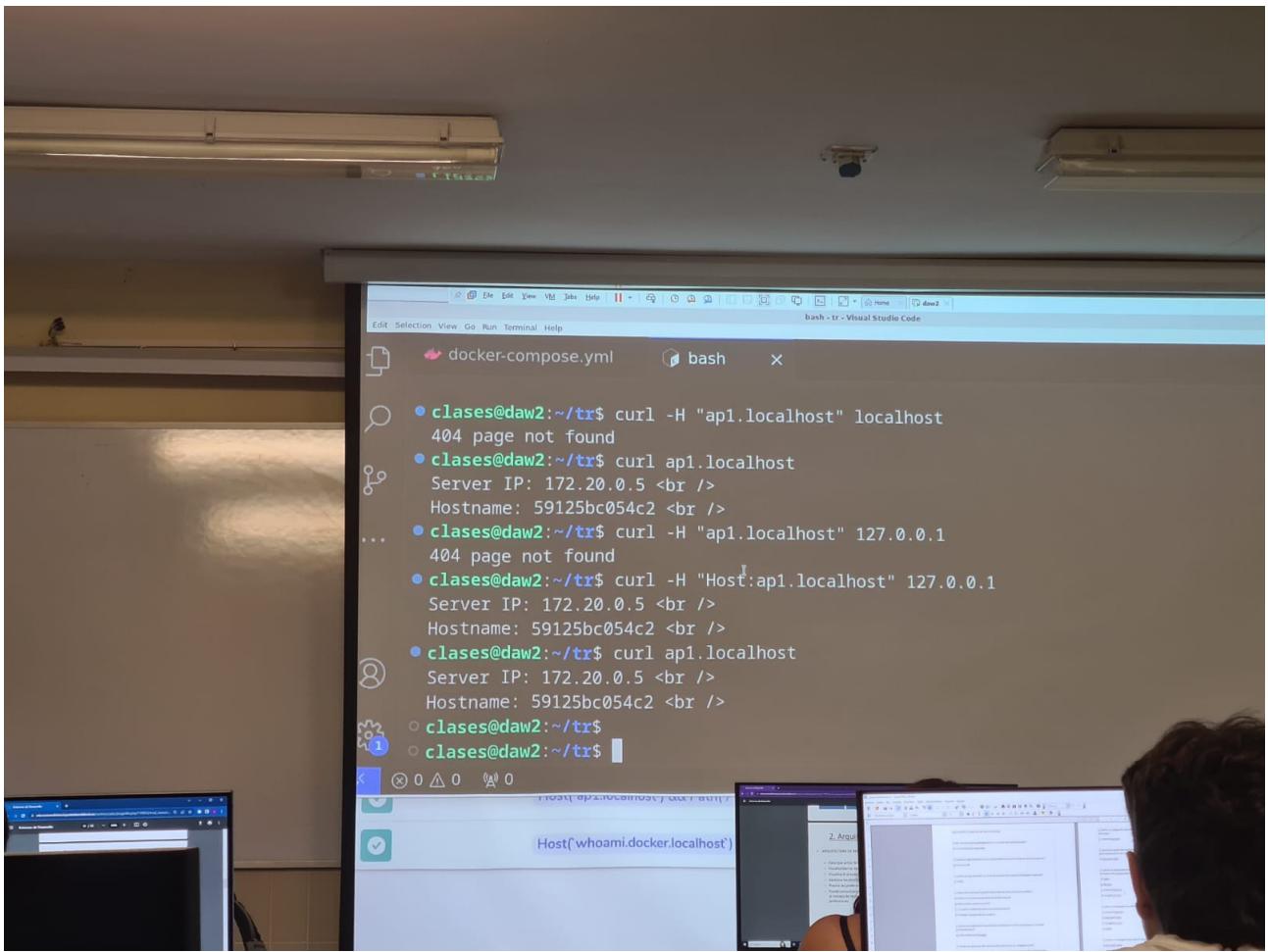
```

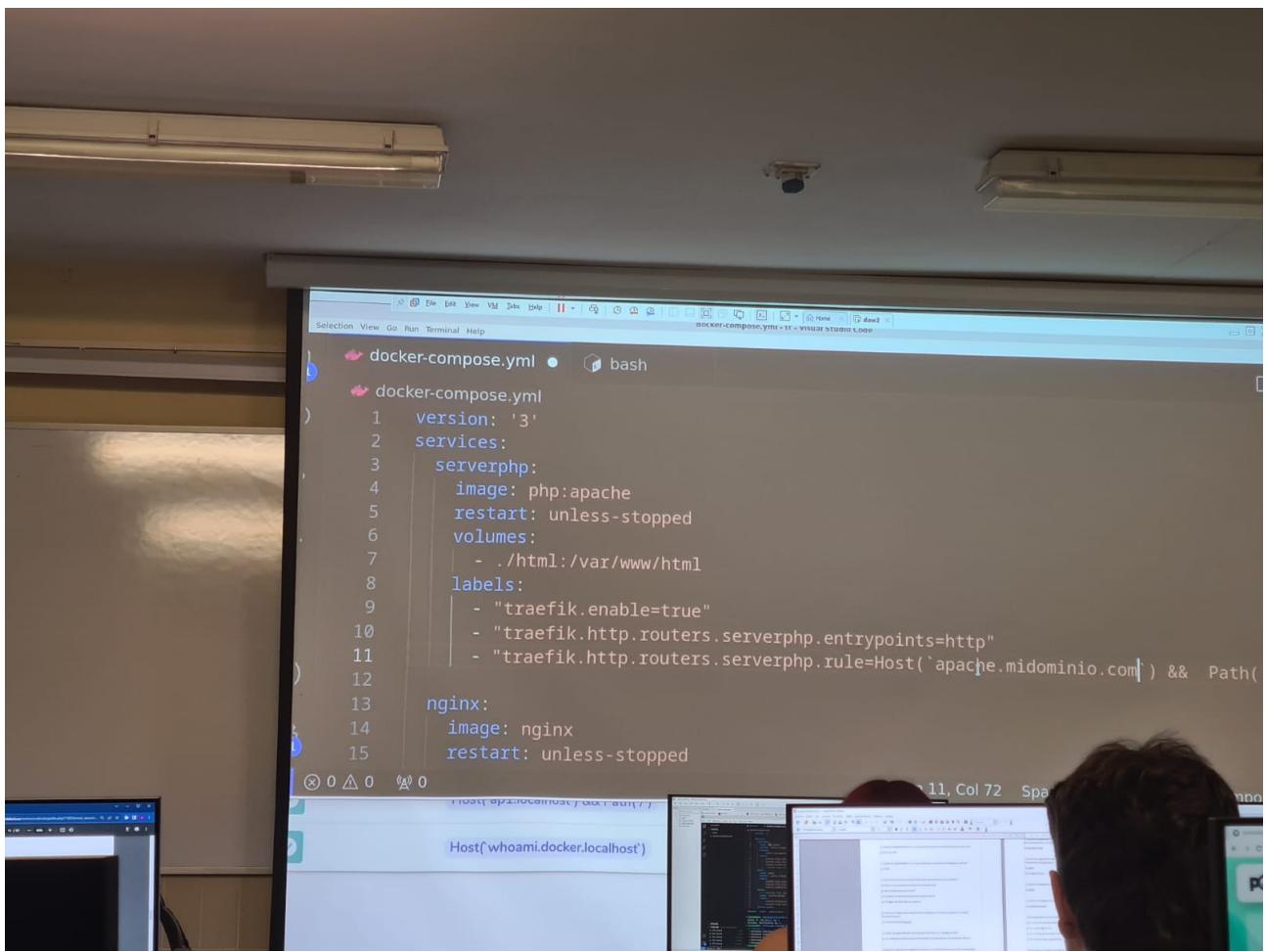








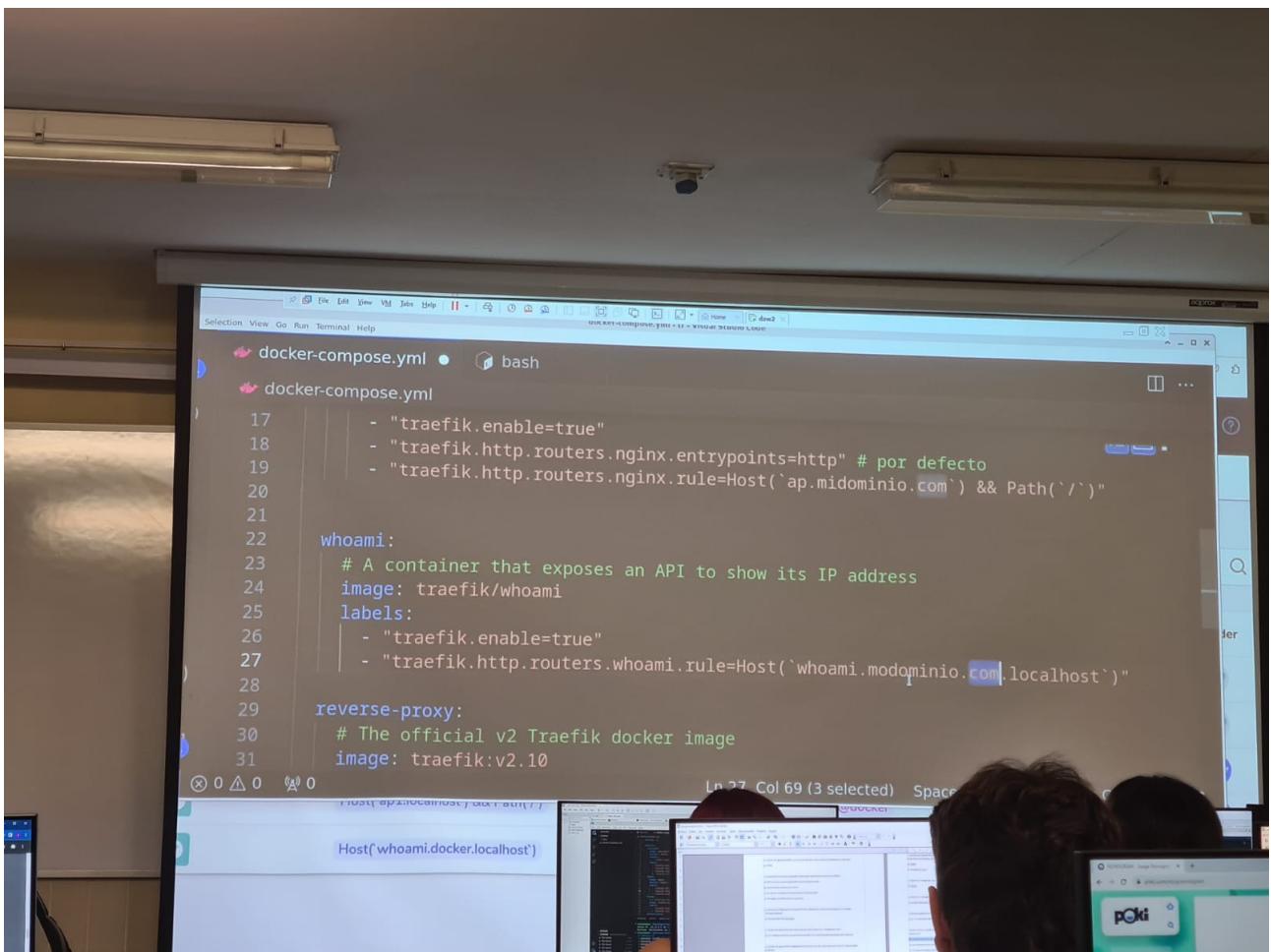


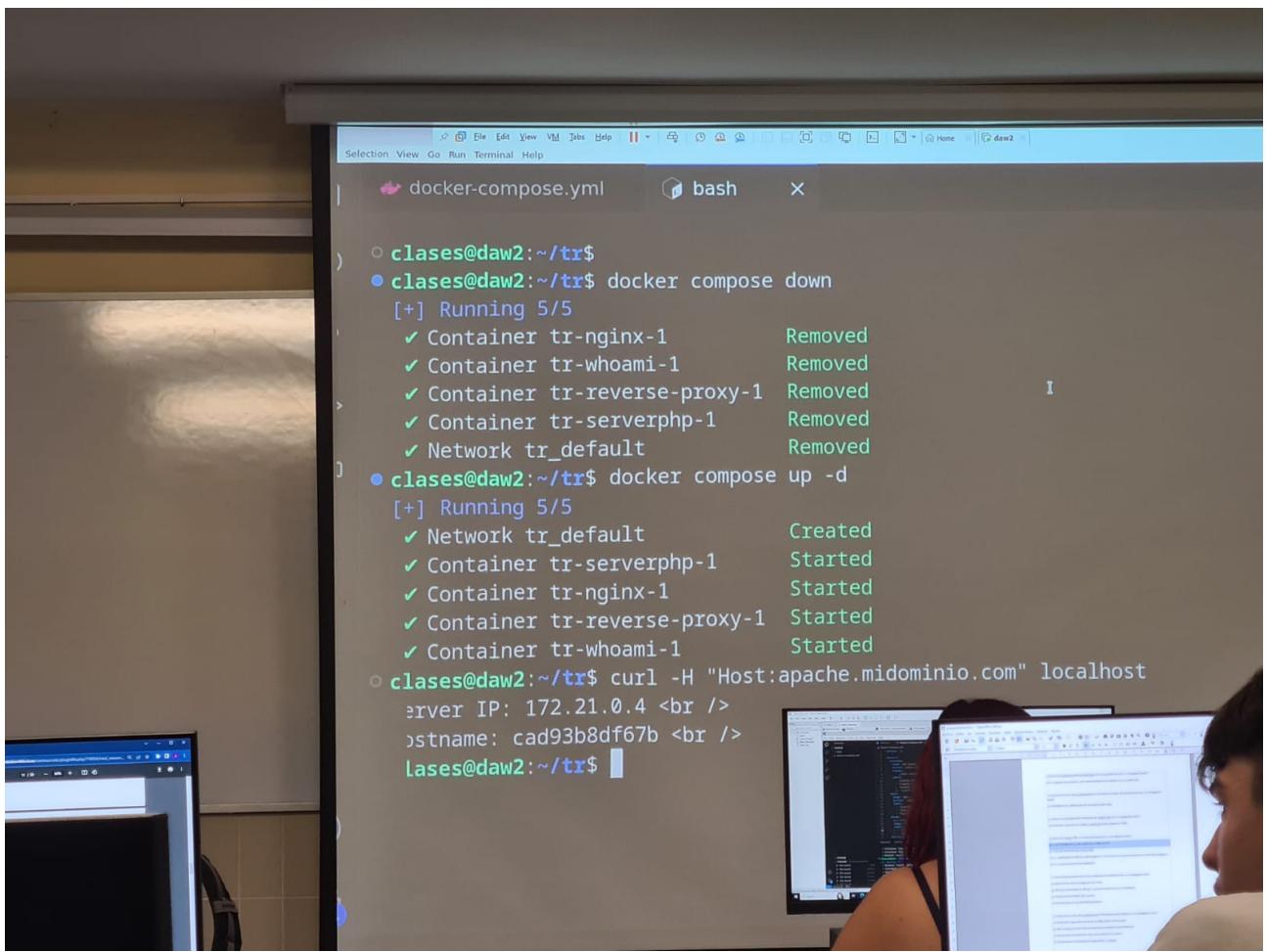


The screenshot shows a Visual Studio Code interface with the following details:

- Title Bar:** Shows "File", "Edit", "View", "Go", "Run", "Terminal", "Help", and "dockerscompose.yml - tr - visual studio code".
- Left Sidebar:** A tree view showing the project structure with "docker-compose.yml" selected.
- Right Panel:** The main editor area displays the `docker-compose.yml` file content.

```
version: '3.8'
services:
  traefik:
    image: traefik:latest
    ports:
      - "80:80"
      - "443:443"
    volumes:
      - ./config:/etc/traefik
      - ./logs:/var/log/traefik
    environment:
      - "traefik.enable=true"
      - "traefik.http.routers.traefik.entrypoints=http"
      - "traefik.http.routers.traefik.rule=Host(`traefik.midominio.com`)"
    labels:
      - "traefik.enable=true"
      - "traefik.http.routers.traefik.entrypoints=http" # por defecto
      - "traefik.http.routers.traefik.rule=Host(`traefik.midominio.com`)"
  nginx:
    image: nginx
    restart: unless-stopped
    labels:
      - "traefik.enable=true"
      - "traefik.http.routers.nginx.entrypoints=http"
      - "traefik.http.routers.nginx.rule=Host(`nginx.midominio.com`)"
  whoami:
    command: curl -4 -sSf http://localhost:8080
    ports:
      - "8080:8080"
    environment:
      - "WHOAMI=whoami"
      - "CONTAINER_NAME=whoami"
    labels:
      - "traefik.enable=false"
      - "traefik.http.routers.whoami.entrypoints=https"
      - "traefik.http.routers.whoami.rule=Host(`whoami.midominio.com`)"
```





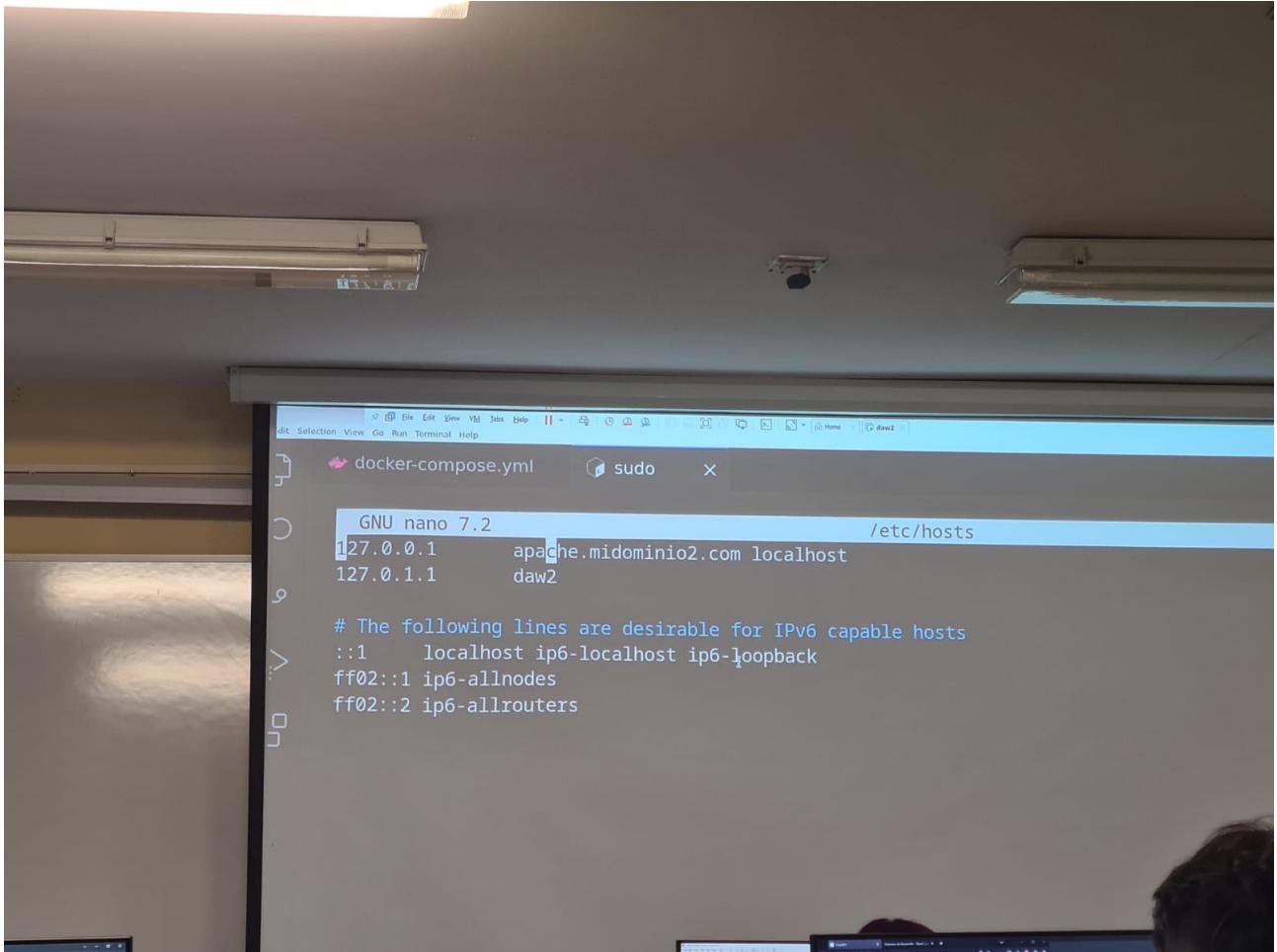
A screenshot of a terminal window titled "bash" showing a command history related to Docker. The user has run "docker compose down" followed by "docker compose up -d". The output shows the removal of existing containers and networks, and the creation and start of new ones. Finally, a curl command is run to verify the setup.

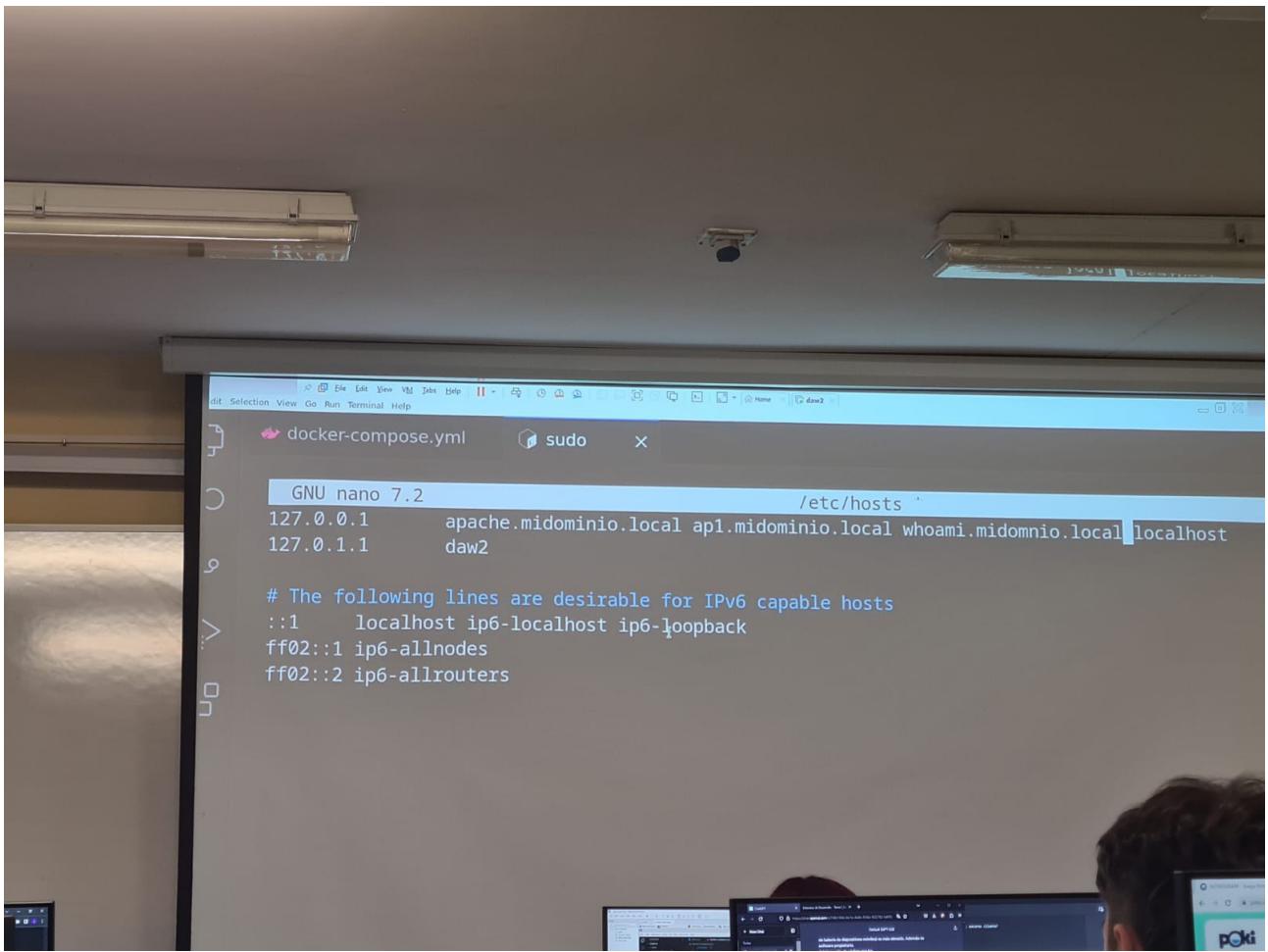
```
clases@daw2:~/tr$ docker compose down
[+] Running 5/5
  ✓ Container tr-nginx-1           Removed
  ✓ Container tr-whoami-1          Removed
  ✓ Container tr-reverse-proxy-1   Removed
  ✓ Container tr-serverphp-1       Removed
  ✓ Network tr_default             Removed
clases@daw2:~/tr$ docker compose up -d
[+] Running 5/5
  ✓ Network tr_default            Created
  ✓ Container tr-serverphp-1      Started
  ✓ Container tr-nginx-1          Started
  ✓ Container tr-reverse-proxy-1  Started
  ✓ Container tr-whoami-1         Started
clases@daw2:~/tr$ curl -H "Host:apache.midominio.com" localhost
  Server IP: 172.21.0.4 <br />
  Postname: cad93b8df67b <br />
Lases@daw2:~/tr$
```

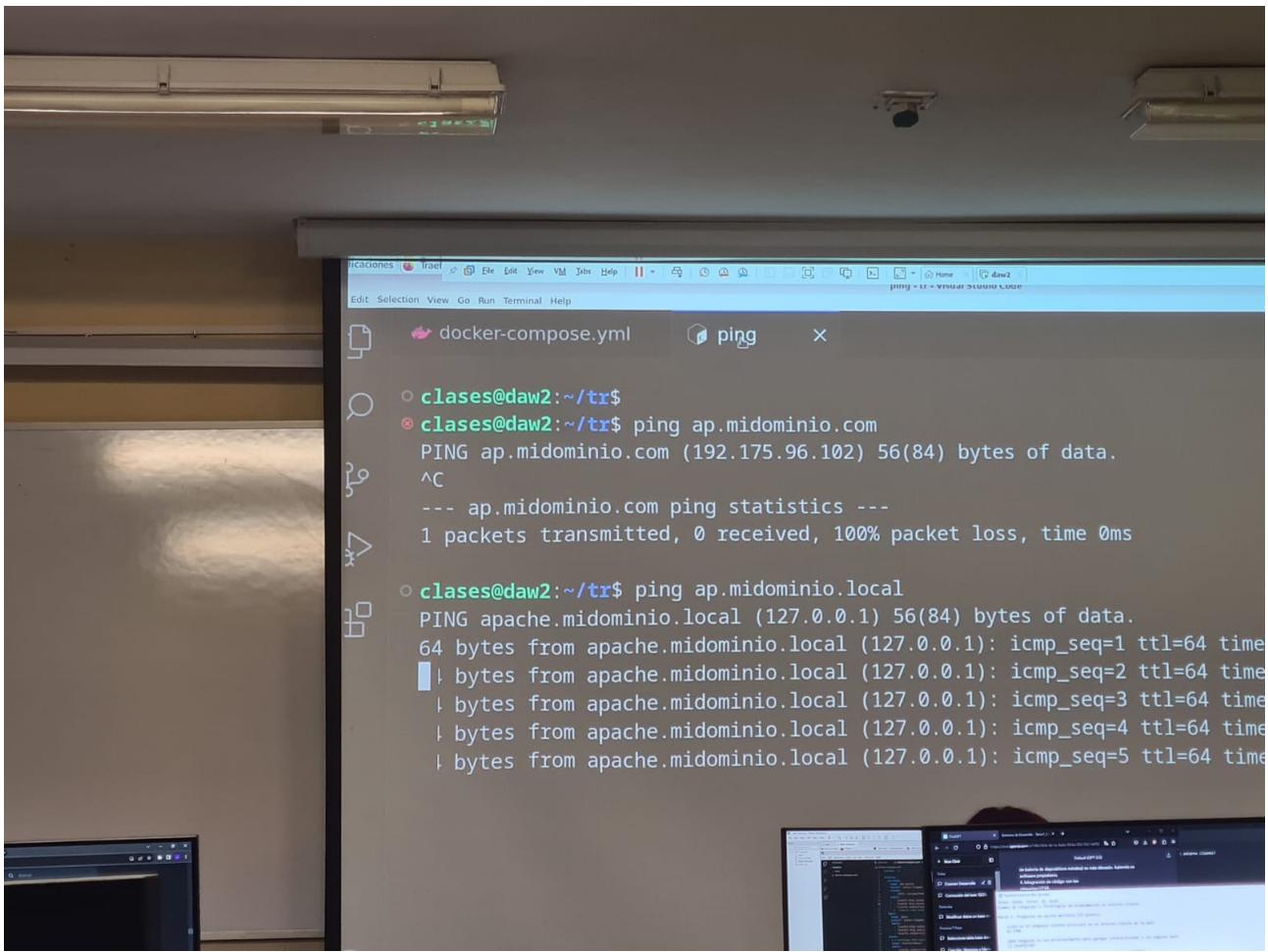
```
clases@daw2:~/tr$ docker compose up -d
[+] Running 4/4
  ✓ Container tr-reverse-proxy-1  Running
  ✓ Container tr-serverphp-1      Started
  ✓ Container tr-whoami-1        Started
  ✓ Container tr-nginxx-1        Started
clases@daw2:~/tr$ curl -H "Host:apache.midominio2.com" localhost
Server IP: 172.21.0.4 <br />
Hostname: f0cc8c0d788c <br />
clases@daw2:~/tr$ curl apache.midominio2.com
curl: (6) Could not resolve host: apache.midominio2.com
● clases@daw2:~/tr$ sudo nano /etc/hosts
[sudo] contraseña para clases:
● clases@daw2:~/tr$ curl apache.midominio2.com
Server IP: 172.21.0.4 <br />
Hostname: f0cc8c0d788c <br />
clases@daw2:~/tr$
```

A screenshot of a terminal window titled "bash" showing a Docker Compose configuration file named "docker-compose.yml". The file defines two services: "nginx" and "whoami". The "nginx" service uses the "nginx" image, restarts unless stopped, and has labels for Traefik. The "whoami" service is a placeholder. The configuration includes volumes and labels for Traefik routers.

```
version: '3.8'
services:
  nginx:
    image: nginx
    restart: unless-stopped
    labels:
      - "traefik.enable=true"
      - "traefik.http.routers.nginx.entrypoints=http" # por defecto
      - "traefik.http.routers.nginx.rule=Host(`ap.midomio.local`) && Path(`/`)"
  whoami:
```

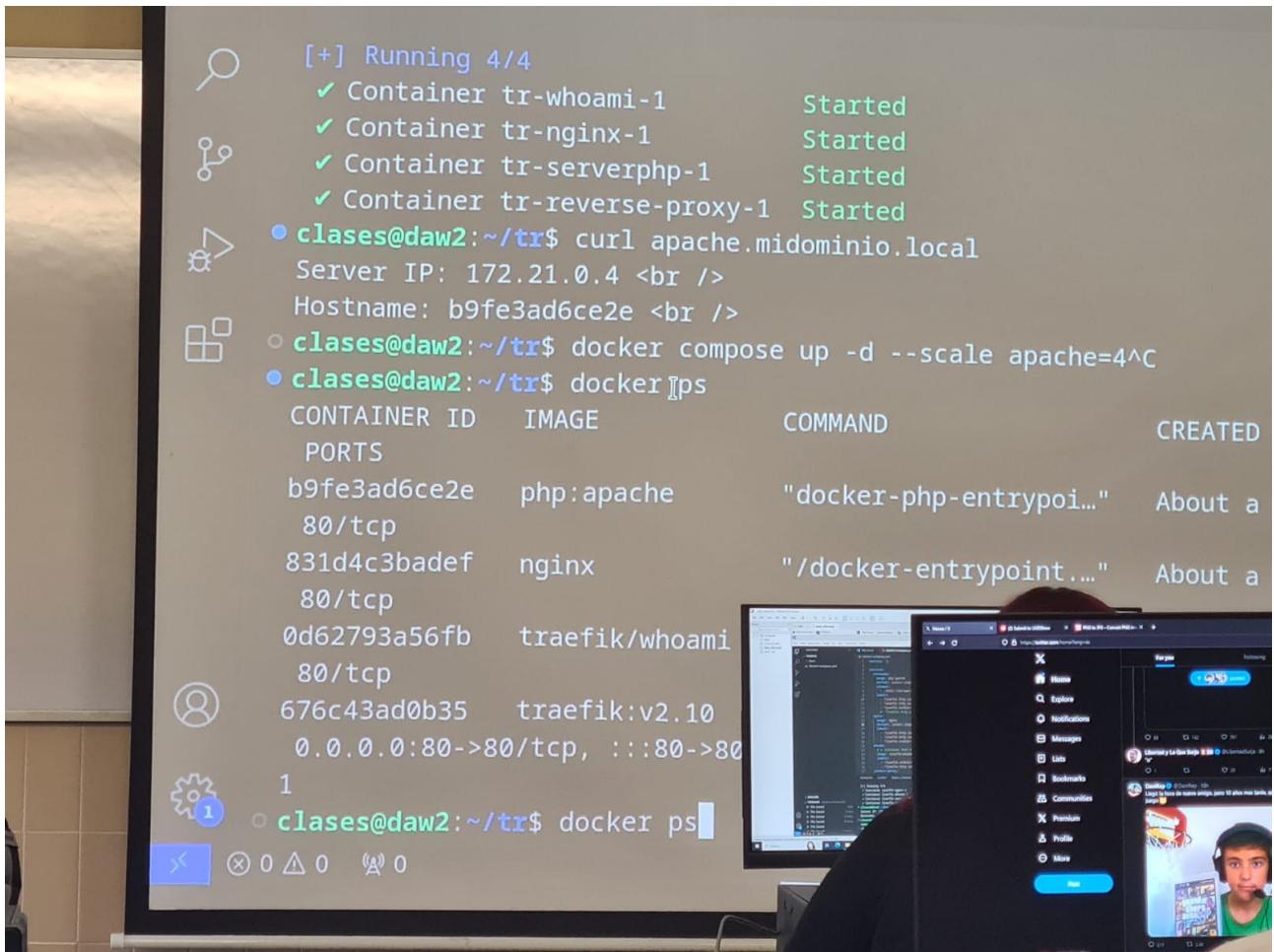






```
Aplicacione File Edit View VM Tabs Help || bash - tr - Visual Studio Code
File Edit Selection View Go Run Terminal Help
Welcome bash x
● clases@daw2:~/tr$ docker compose up -d
[+] Running 4/4
  ✓ Container tr-whoami-1          Started
  ✓ Container tr-nginx-1           Started
  ✓ Container tr-serverphp-1       Started
  ✓ Container tr-reverse-proxy-1   Started
● clases@daw2:~/tr$ curl apache.midominio.local
Server IP: 172.21.0.4 <br />
Hostname: b9fe3ad6ce2e <br />
○ clases@daw2:~/tr$
```

```
[+] Running 4/4
✓ Container tr-whoami-1          Started
✓ Container tr-nginx-1           Started
✓ Container tr-serverphp-1       Started
✓ Container tr-reverse-proxy-1   Started
● clases@daw2:~/tr$ curl apache.midominio.local
  Server IP: 172.21.0.4 <br />
  Hostname: b9fe3ad6ce2e <br />
● clases@daw2:~/tr$ docker compose up -d --scale apache=4^C
● clases@daw2:~/tr$ docker ps
CONTAINER ID        IMAGE               COMMAND                  CREATED             PORTS
b9fe3ad6ce2e        php:apache         "docker-php-entrypoi..."   About a minute ago
80/tcp
831d4c3badef        nginx              "/docker-entrypoint..."   About a minute ago
80/tcp
0d62793a56fb        traefik/whoami    80/tcp
80/tcp
676c43ad0b35        traefik:v2.10     0.0.0.0:80->80/tcp, :::80->80
1
● clases@daw2:~/tr$ docker ps
X 0 △ 0  (A) 0
```

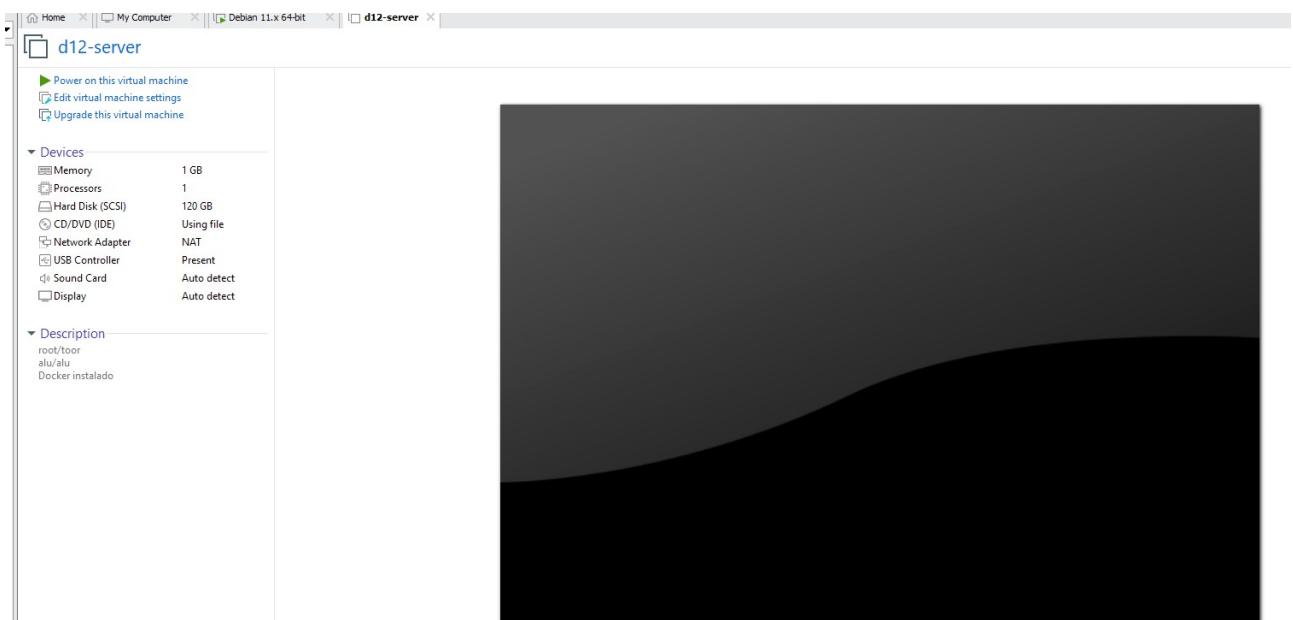
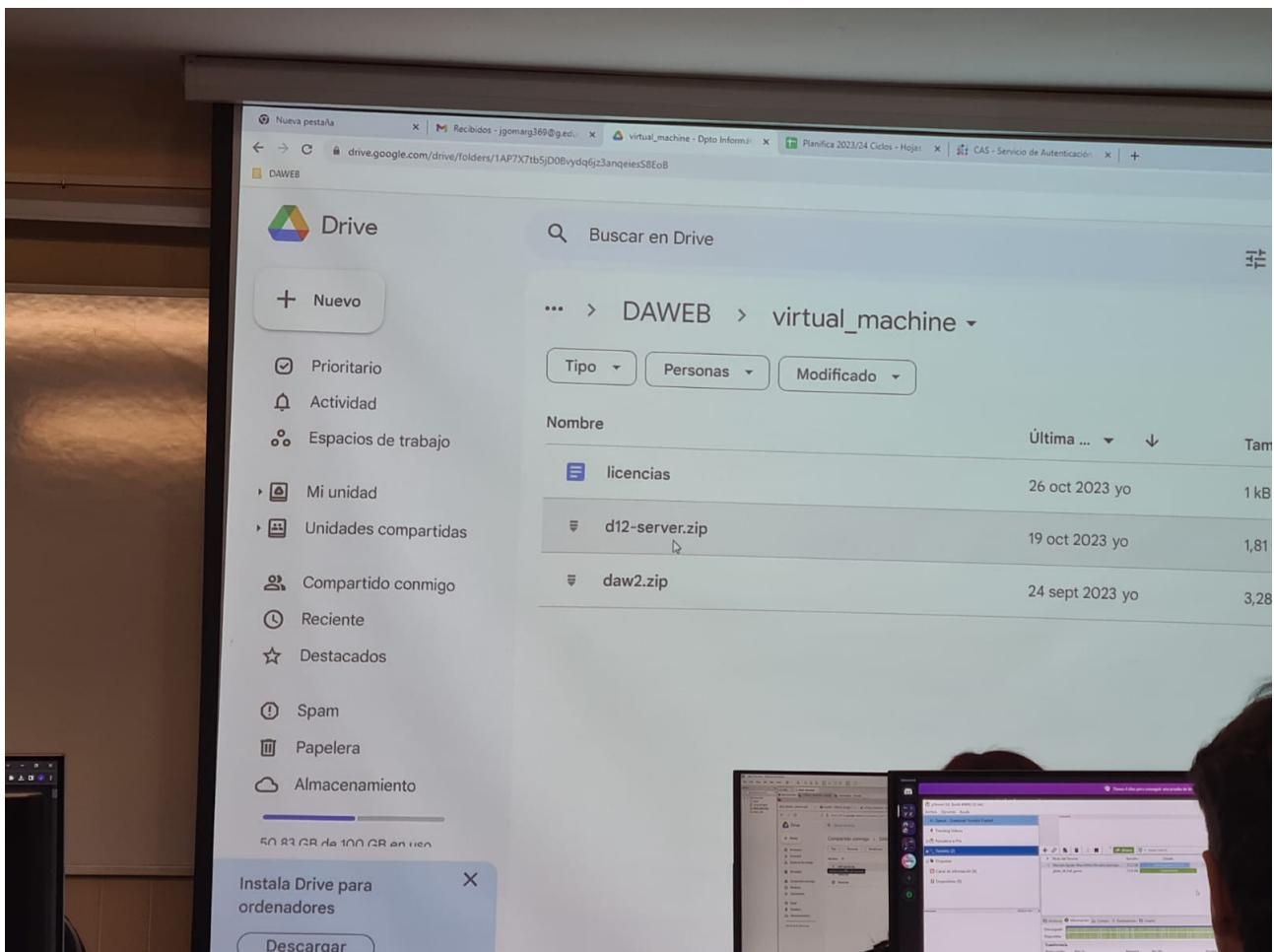
A screenshot of a computer monitor displaying a terminal window and a browser window. The terminal window shows the output of several Docker commands: `curl` to a local IP, `docker compose up -d --scale apache=4` which was interrupted by a Ctrl-C, and `docker ps` which lists four containers: `b9fe3ad6ce2e` (php:apache), `831d4c3badef` (nginx), `0d62793a56fb` (traefik/whoami), and `676c43ad0b35` (traefik:v2.10). The browser window in the background shows a login screen for a service, with a person's face visible in the background.

A screenshot of a computer monitor displaying a terminal session in Visual Studio Code and a web browser window.

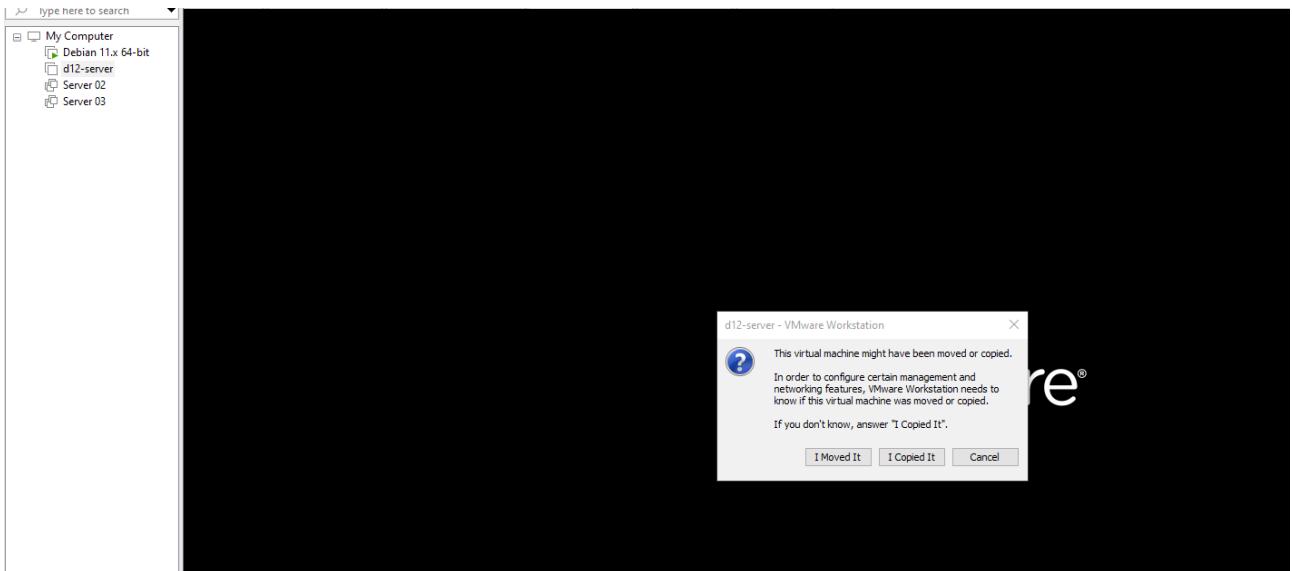
The terminal window, titled "bash - tr - Visual Studio Code", shows the following command-line session:

```
clases@daw2:~/tr$ curl apache.midominio.local
Server IP: 172.21.0.6 <br />
Hostname: 2c785628a094 <br />
clases@daw2:~/tr$ curl apache.midominio.local
Server IP: 172.21.0.8 <br />
Hostname: f3eabb31480b <br />
clases@daw2:~/tr$ curl apache.midominio.local
Server IP: 172.21.0.4 <br />
Hostname: b9fe3ad6ce2e <br />
clases@daw2:~/tr$ curl apache.midominio.local
Server IP: 172.21.0.7 <br />
Hostname: 0d12d90b8fab <br />
clases@daw2:~/tr$ curl apache.midominio.local+
curl: (3) URL using bad/illegal format or missing URL
clases@daw2:~/tr$ curl apache.midominio.local
Server IP: 172.21.0.6 <br />
Hostname: 2c785628a094 <br />
clases@daw2:~/tr$
```

The web browser window in the background displays the Amazon website, showing a product listing for a security camera.



Esto hay que clonarlo 2 veces.



```
Debian GNU/Linux 12 d12 tty1
d12 login: alu
Password:
Linux d12 6.1.0-13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.55-1 (2023-09-29) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Thu Oct 19 10:56:15 CEST 2023 on ttym1
alu@d12:~$
```

```
Debian GNU/Linux 12 server-02 tty1
server-02 login: alu
Password:
Linux server-02 6.1.0-13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.55-1 (2023-09-29) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Thu Nov  9 09:49:02 CET 2023 on ttym1
alu@server-02:~$
```

```

Debian GNU/Linux 12 server-03 tty1
server-03 login: alu
Password:
Linux server-03 6.1.0-13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.55-1 (2023-09-29) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Thu Nov  9 09:50:22 CET 2023 on tty1
alu@server-03:~$ sudo hostname server-03

```

```

castillejo@DAW2:~$ code tr
castillejo@DAW2:~$ sudo apt install terminator
[sudo] contraseña para castillejo:
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
Se instalarán los siguientes paquetes adicionales:
  gir1.2-vte-2.91 libvte-2.91-0 libvte-2.91-common python3-configobj
  python3-psutil
Paquetes sugeridos:
  python-configobj-doc python-psutil-doc
Se instalarán los siguientes paquetes NUEVOS:
  gir1.2-vte-2.91 python3-configobj python3-psutil terminator
Se actualizarán los siguientes paquetes:
  libvte-2.91-0 libvte-2.91-common
2 actualizados, 4 nuevos se instalarán, 0 para eliminar y 95 no actualizan

```

```

Archivo Editar Ver Terminal Pestañas Ayuda
Preparando para desempaquetar .../4-python3-psutil_5.9.4-1+b1_amd64.deb ...
Desempaquetando python3-psutil (5.9.4-1+b1) ...
Seleccionando el paquete terminator previamente no seleccionado.
Preparando para desempaquetar .../5-terminator_2.1.2-2_all.deb ...
Desempaquetando terminator (2.1.2-2) ...
Configurando libvte-2.91-common (0.70.6-2-deb12u1) ...
Configurando libvte-2.91-0_amd64 (0.70.6-2-deb12u1) ...
Configurando python3-psutil (5.9.4-1+b1) ...
Configurando python3-configobj (5.0.8-1) ...
Configurando gir1.2-vte-2.91:amd64 (0.70.6-2-deb12u1) ...
Configurando terminator (2.1.2-2) ...
update-alternatives: utilizando /usr/bin/terminator para proveer /usr/bin/x-terminal-emulator (x-terminal-emulator) en modo automático
Procesando disparadores para hicolor-icon-theme (0.17-2) ...
Procesando disparadores para libc-bin (2.36-9+deb12u1) ...
Procesando disparadores para man-db (2.11.2-2) ...
Procesando disparadores para mailcap (3.70+nmu1) ...
Procesando disparadores para desktop-file-utils (0.26-1) ...
castillejo@DAW2:~$ terminator
Unable to open '/etc/xdg/terminator/config' for reading and/or writing.
([Errno 2] No existe el fichero o el directorio: '/etc/xdg/terminator/config')
ConfigBase::load: Unable to open /etc/xdg/terminator/config ([Errno 2] No existe el

```

- Copiar
- Pegar
- Set Window Title
- Dividir horizontalmente**
- Dividir verticalmente**
- Abrir Pestaña
- Cerrar
- Agrandar terminal
- Maximizar terminal
- Mostrar barra de desplazamiento
- Preferencias
- Diseños... ▶