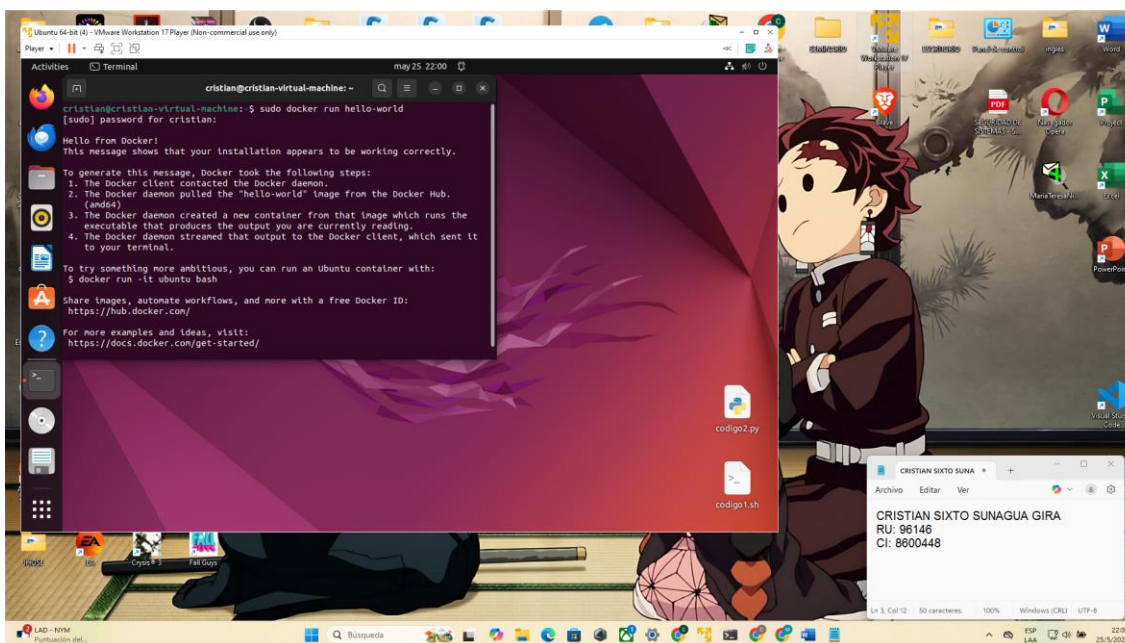
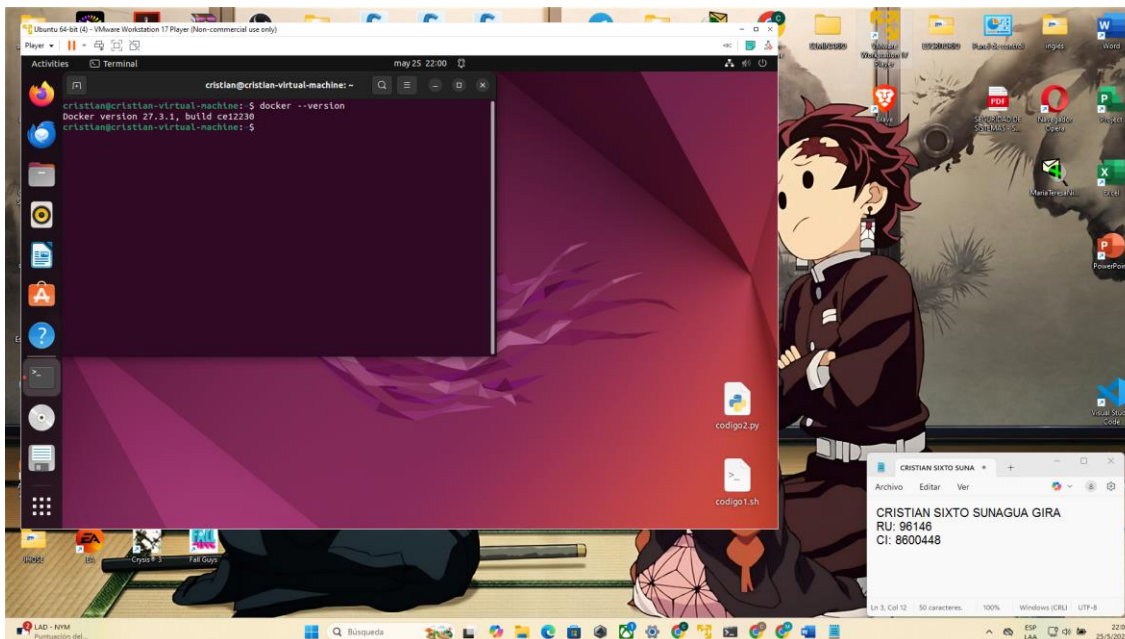
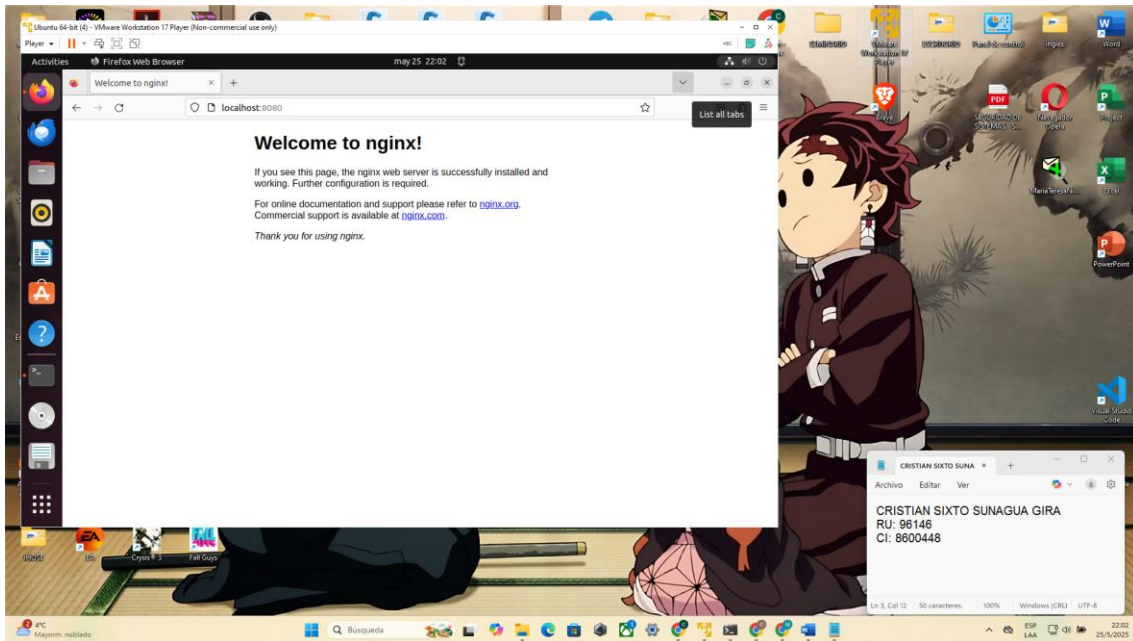
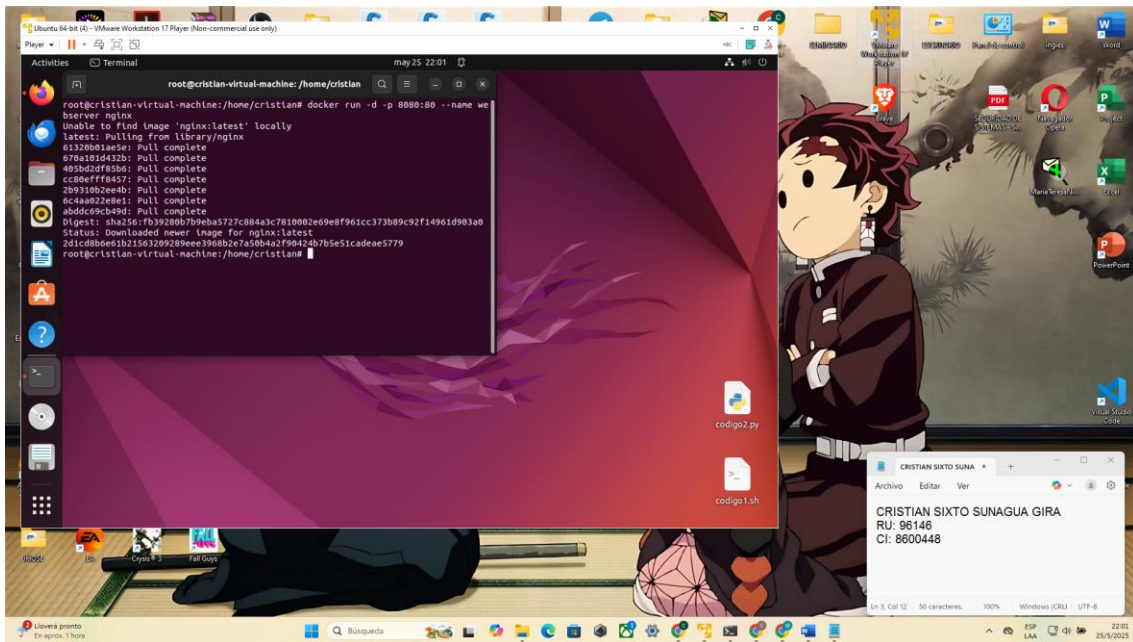


| | | | | |
|---|--|----------------------------------|-----------------|-------------------------------------|
|  | UNIVERSIDAD AUTÓNOMA “TOMÁS FRÍAS” INGENIERÍA DE SISTEMAS | | | |
| | Estudiante: | Univ.Cristian Sixto Sunagua Gira | | |
| | Docente: | Ing. Ditmar David Castro Angulo | Materia: | SIS-737 |
| | Auxiliar: | Univ. Rodrigo Slucka Zárate | Fecha: | 25/05/2025 |
| | Enlace: | | C.I: | 8600448 |
| | | | | GRUPO 1 PRACTICA 2 |





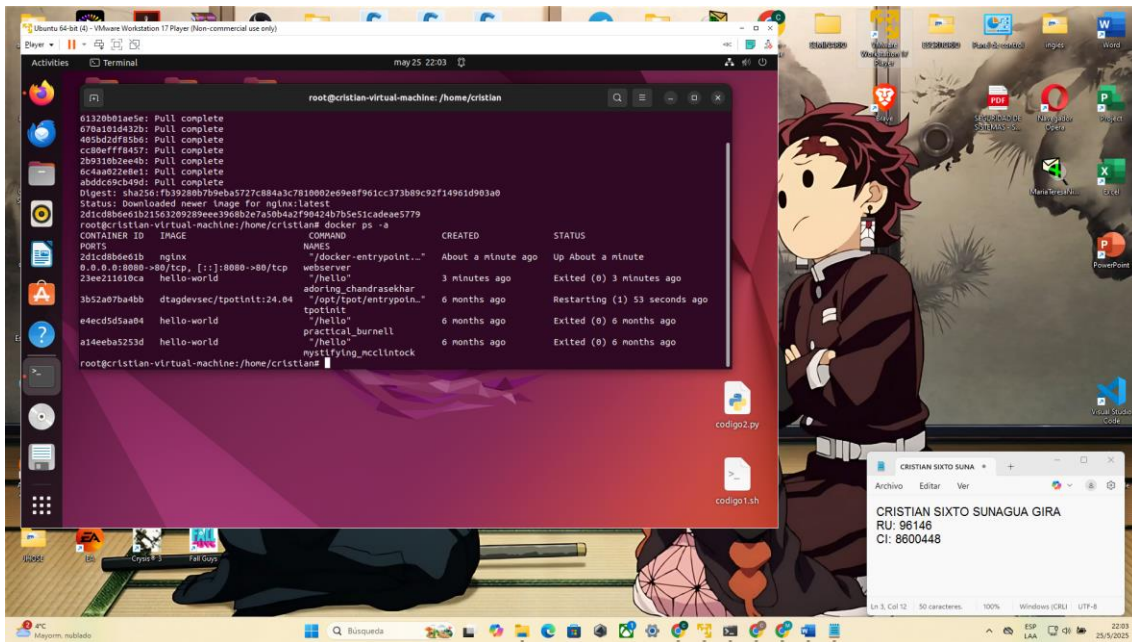
¿Qué pasa si el contenedor se detiene? ¿Cómo lo reiniciarías?

Con un docker ps -a

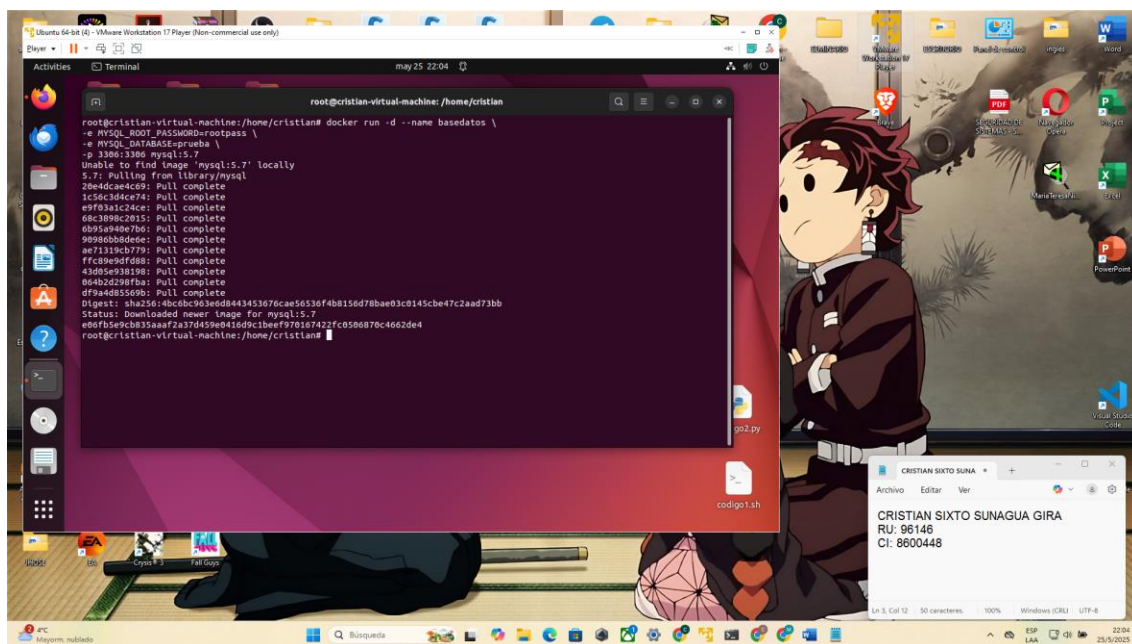
Esto mostrará todos los contenedores, incluidos los detenidos

Y con un docker start webserver

“En webserver es el nombre del contenedor detenido”

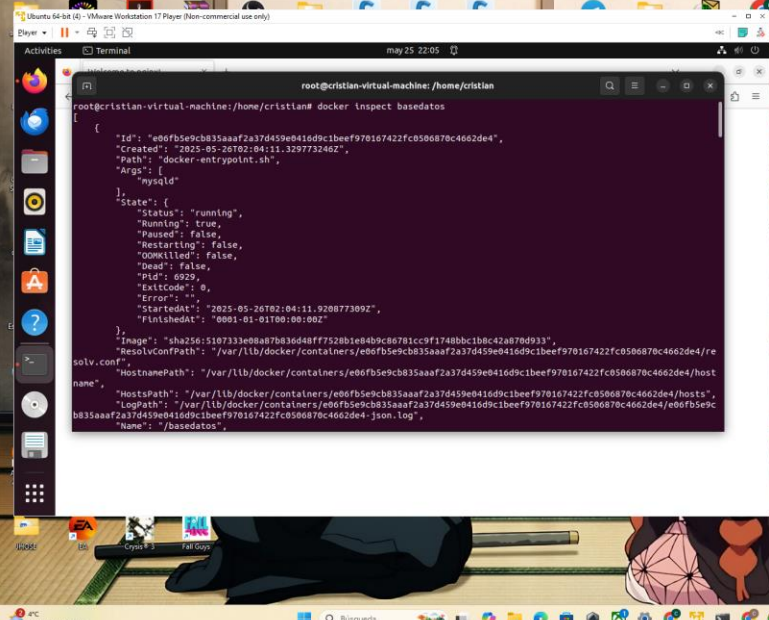


```
root@cristian-virtual-machine:/home/cristian# docker ps -a
CONTAINER ID   IMAGE                                CREATED        STATUS
2d1cd8b6e61b   nginx                               About a minute Up About a minute
0.9.0.0.8888->88/tcp [::]:8888->88/tcp webserver      3 minutes ago   Exited (0) 3 minutes ago
23ee211610ca   hello-world                         6 months ago   Exited (0) 6 months ago
3b52a07ba4bb   dtagdevsec/tpotinit:24.04         6 months ago   Restarting (1) 53 seconds ago
e4ecd5daa04    hello-world                         6 months ago   Exited (0) 6 months ago
a14eeba5253d   hello-world                         6 months ago   Exited (0) 6 months ago
root@cristian-virtual-machine:/home/cristian#
```



```
root@cristian-virtual-machine:/home/cristian# docker run -d --name basedatos \
-e MYSQL_ROOT_PASSWORD=rootpass \
-e MYSQL_DATABASE=basedatos \
-p 3306:3306 mysql:5.7
Unable to find image 'mysql:5.7' locally
5.7: Pulling from library/mysql
20e4dca4c09: Pull complete
1c56c3d4c74: Pull complete
e9f031c4c0e: Pull complete
68c3898c2015: Pull complete
6b95a940e7b6: Pull complete
90980b0bde4e: Pull complete
ae71319cb779: Pull complete
ffc89e9dfdb8: Pull complete
43d05ae93d198: Pull complete
064b2d298fba: Pull complete
df9a4d85569b: Pull complete
Digest: sha256:4bcdb0c94e0d8443453676cae5636f4b156d7bbae03c9145be47c2aad73bb
Status: Downloaded newer image for mysql:5.7
e0bf9e9c8b35aaaf2a37d459e041d9c1bee9f70167422fc0506070c4662de4
root@cristian-virtual-machine:/home/cristian#
```

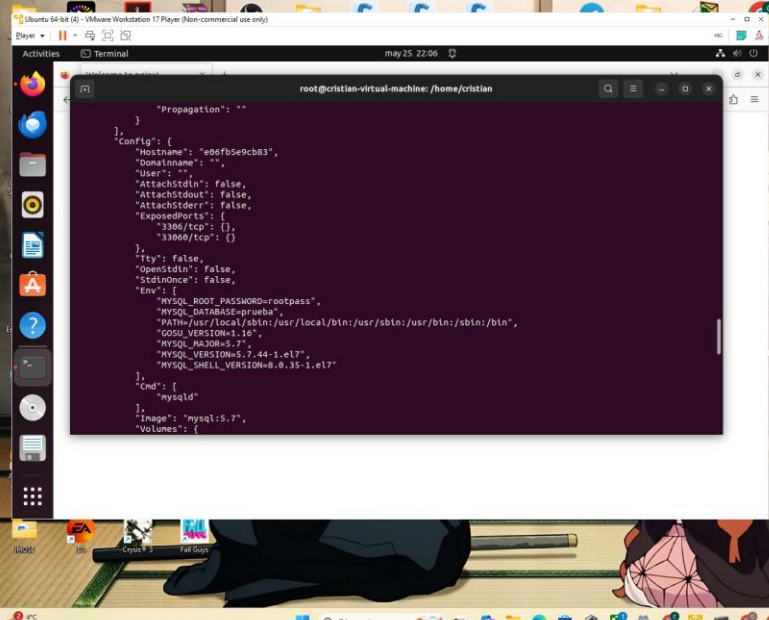

-Verificación de variables de entorno



```
root@crisian-virtual-machine: /home/cristian# docker inspect basedatos
[
  {
    "Id": "e06fb5e9cb835aaaf2a37d459eb416d9c1beef970167422fc050687bc4662de4",
    "Created": "2025-05-26T02:04:11.329773246Z",
    "Path": "docker-entrypoint.sh",
    "Args": [
      "mysqld"
    ],
    "State": {
      "Status": "running",
      "Running": true,
      "Paused": false,
      "Restarting": false,
      "OOMKilled": false,
      "Dead": false,
      "Pid": 6929,
      "ExitCode": 0,
      "Error": "",
      "StartedAt": "2025-05-26T02:04:11.920877309Z",
      "FinishedAt": "0001-01-01T00:00:00Z"
    },
    "Image": "sha256:5107333e0a87b836d48ff7528b1e84b9c86701cc9f1748bbc1bc42a87d933",
    "ResolveConfPath": "/var/lib/docker/containers/e06fb5e9cb835aaaf2a37d459eb416d9c1beef970167422fc050687bc4662de4/resolve.conf",
    "HostnamePath": "/var/lib/docker/containers/e06fb5e9cb835aaaf2a37d459eb416d9c1beef970167422fc050687bc4662de4/hostname",
    "HostsPath": "/var/lib/docker/containers/e06fb5e9cb835aaaf2a37d459eb416d9c1beef970167422fc050687bc4662de4/hosts",
    "LogPath": "/var/lib/docker/containers/e06fb5e9cb835aaaf2a37d459eb416d9c1beef970167422fc050687bc4662de4/e06fb5e9cb835aaaf2a37d459eb416d9c1beef970167422fc050687bc4662de4-json.log",
    "Name": "/basedatos"
  }
]
```

CRISTIAN SIXTO SUNAGUA GIRA
RU: 96146
CI: 8600448

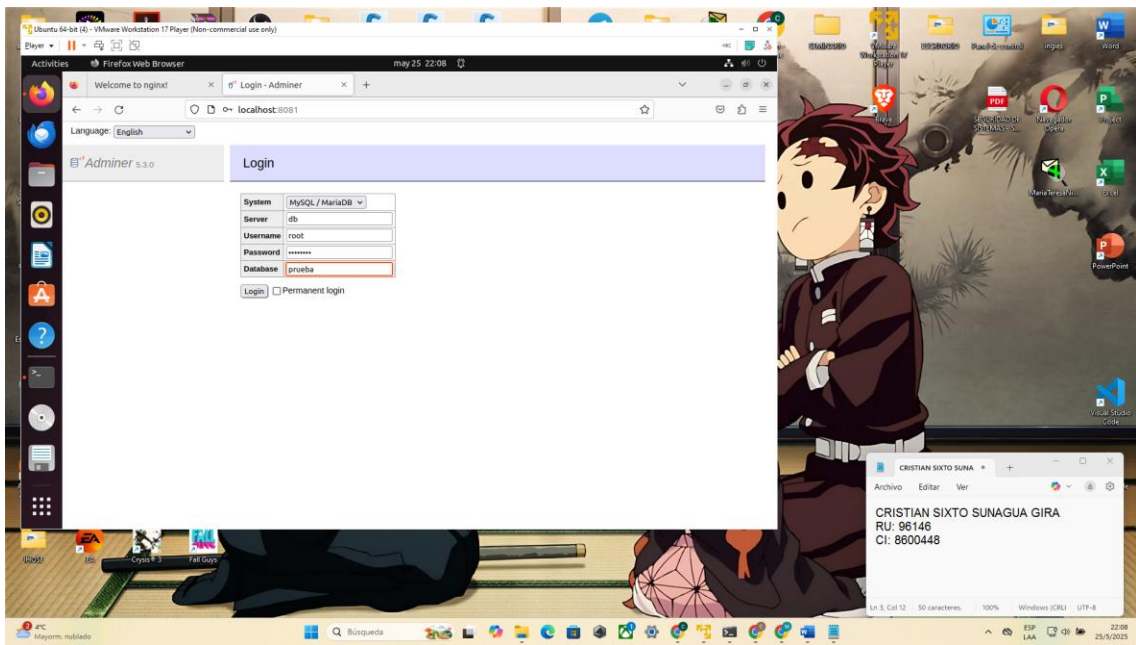
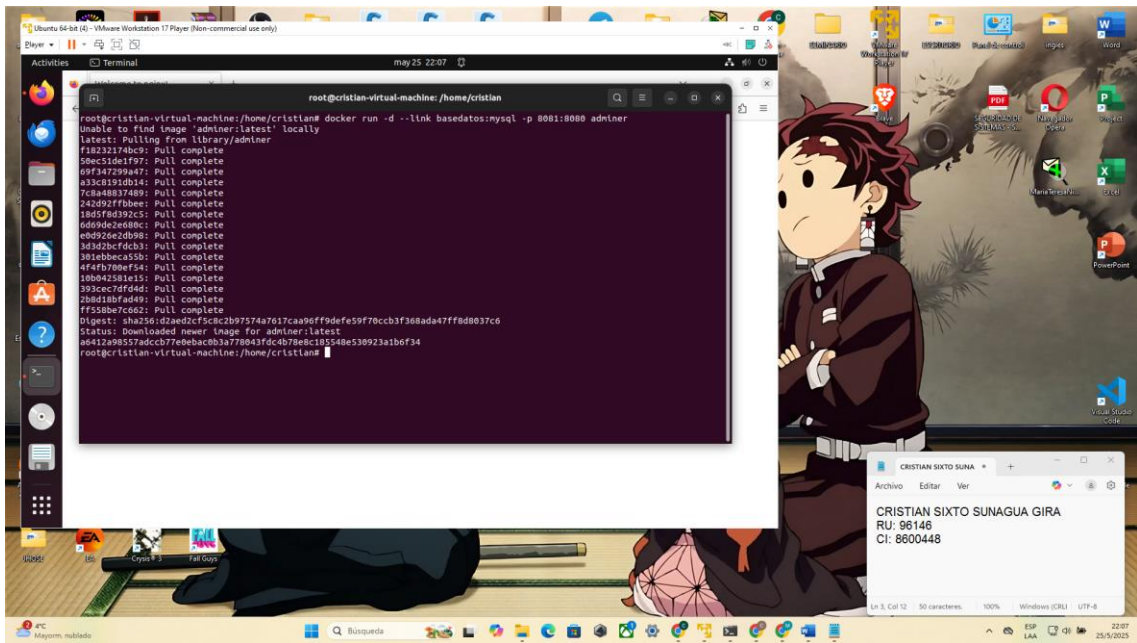
-Vamos a Config y en Env: y nos mostrara las variables

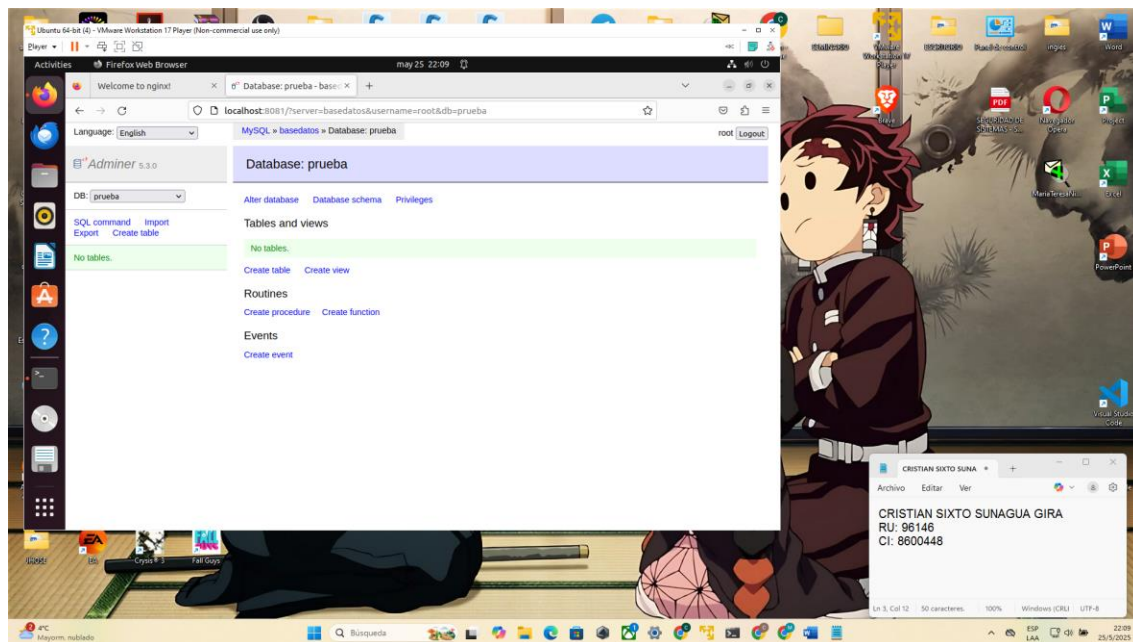


```
    "Config": {
      "Hostname": "e06fb5e9cb83",
      "Domainname": "",
      "User": "",
      "AttachStdin": false,
      "AttachStdout": false,
      "AttachStderr": false,
      "ExposedPorts": {
        "3306/tcp": {},
        "33060/tcp": {}
      },
      "Tty": false,
      "OpenStdin": false,
      "StdinOnce": false,
      "Env": [
        "MYSQL_ROOT_PASSWORD=rootpass",
        "MYSQL_DATABASE=prueba",
        "PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",
        "GOSU_VERSION=1.10",
        "MYSQL_MAJOR=5.7",
        "MYSQL_VERSION=5.7.44-1.el7",
        "MYSQL_SHELL_VERSION=0.35-1.el7"
      ],
      "Cmd": [
        "mysqld"
      ]
    },
    "Image": "mysql:5.7",
    "Volumes": {

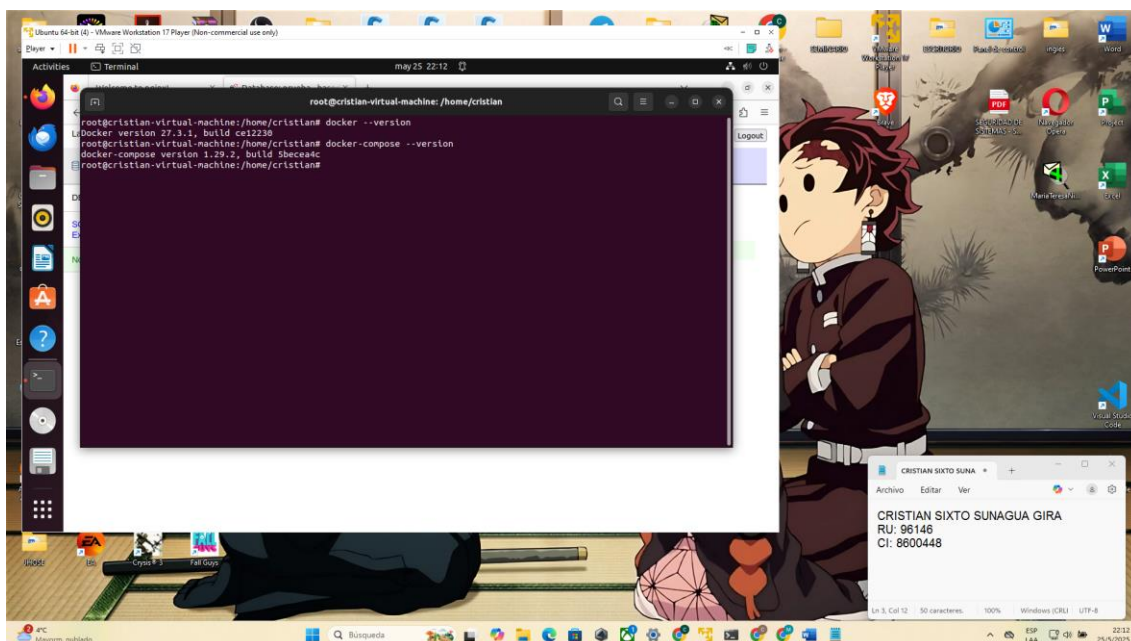
```

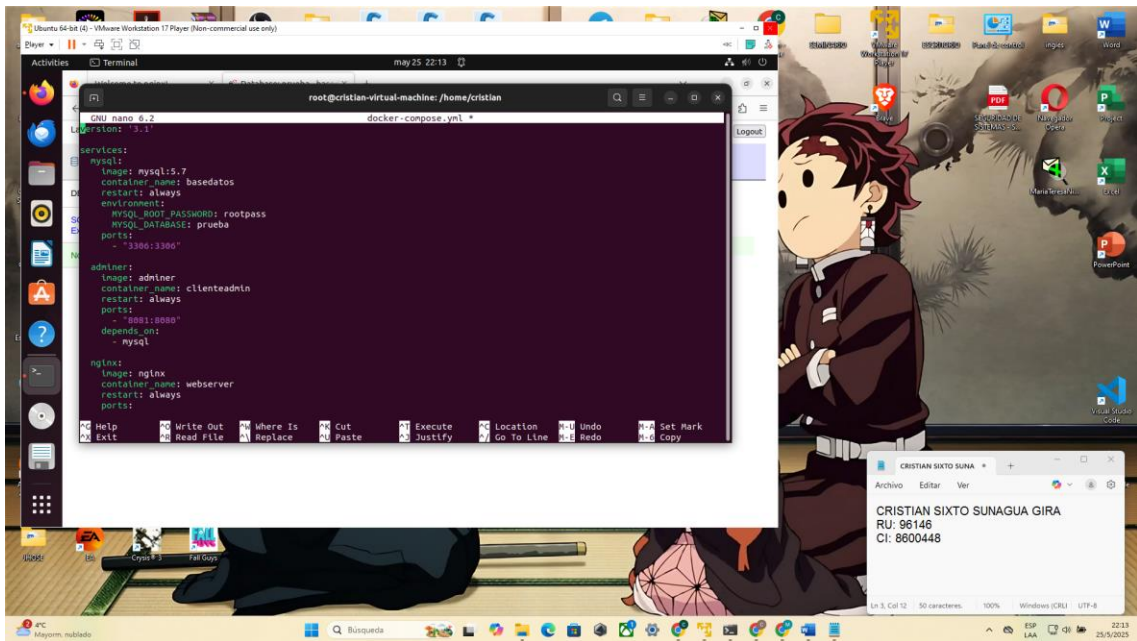
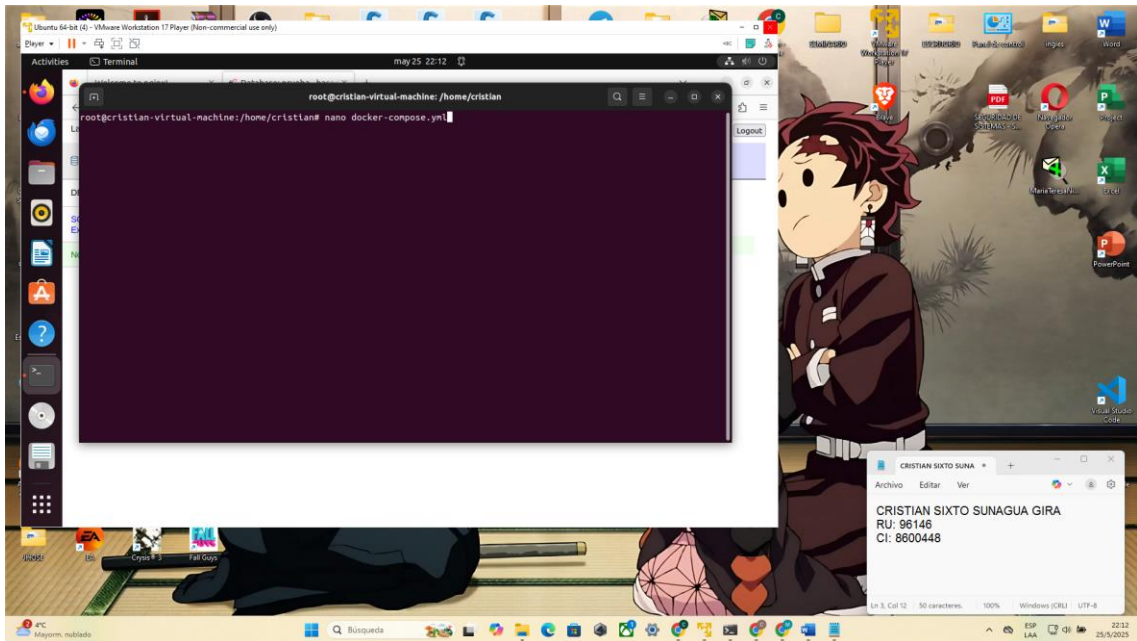
CRISTIAN SIXTO SUNAGUA GIRA
RU: 96146
CI: 8600448

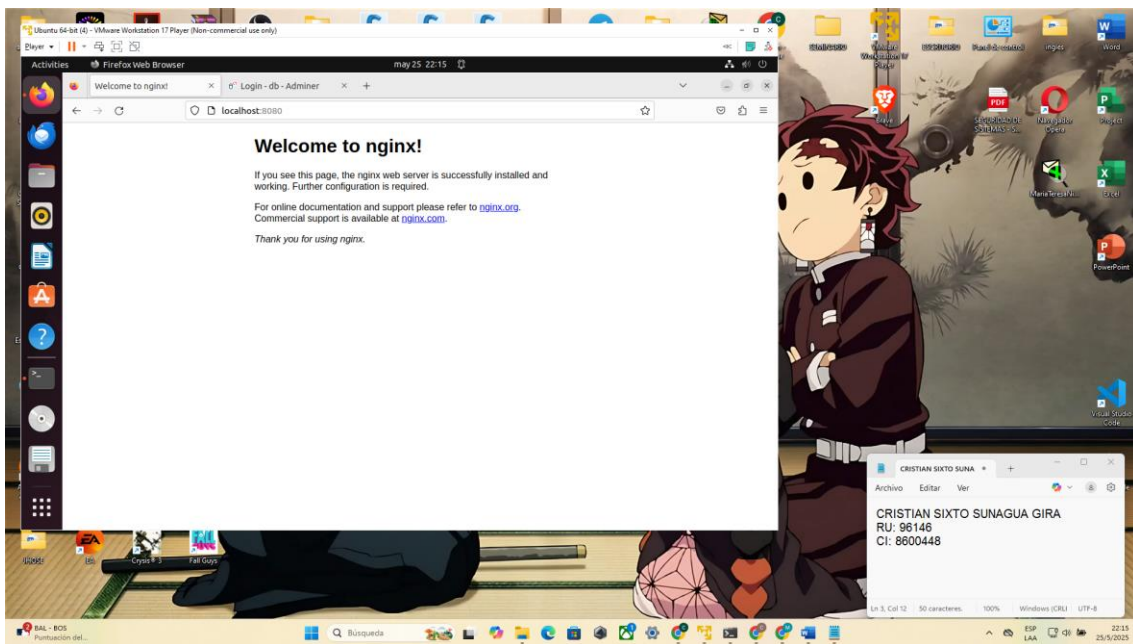
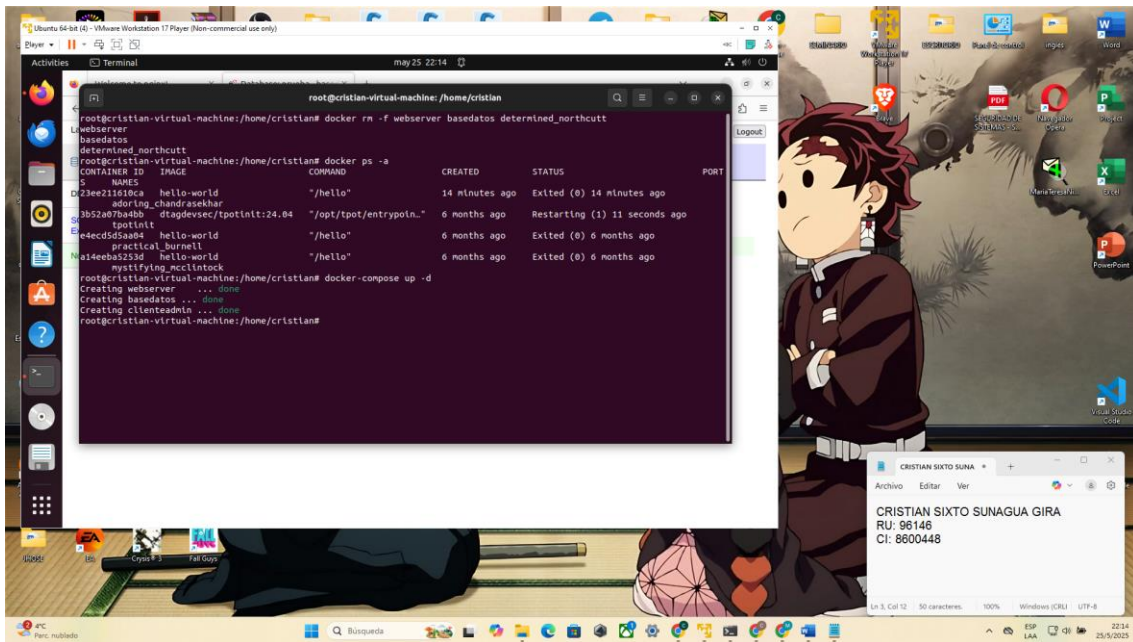


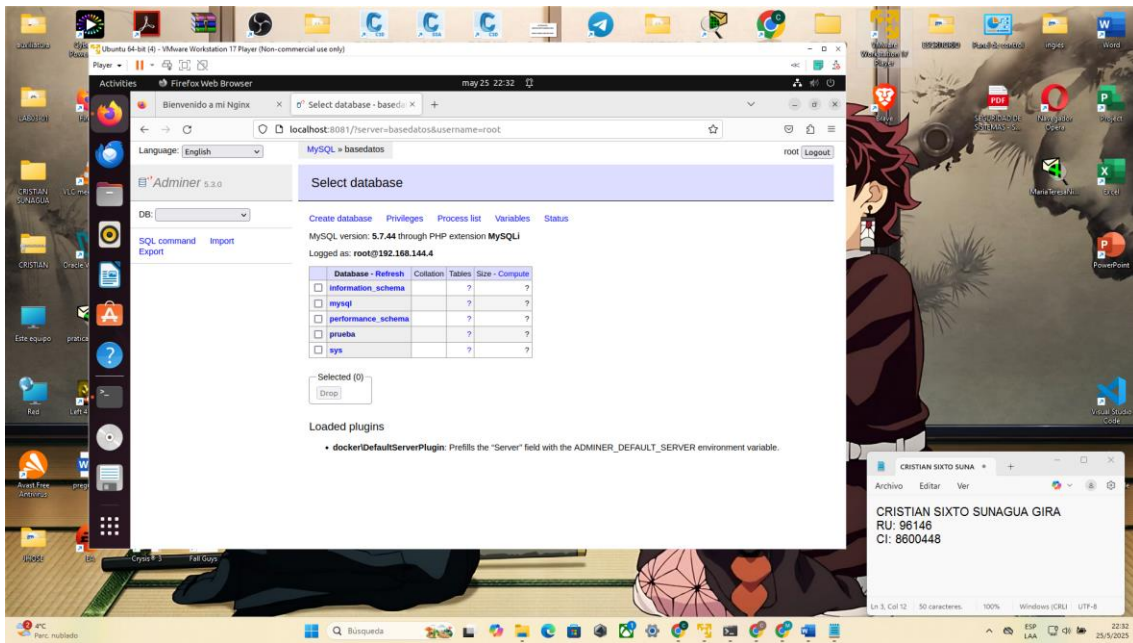
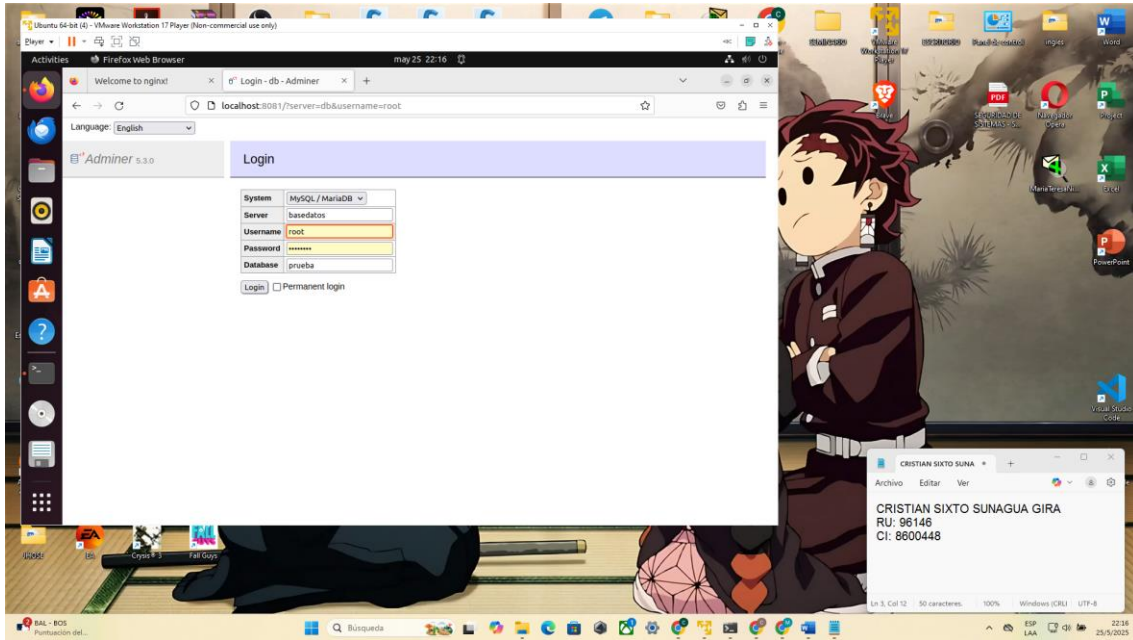


RETO





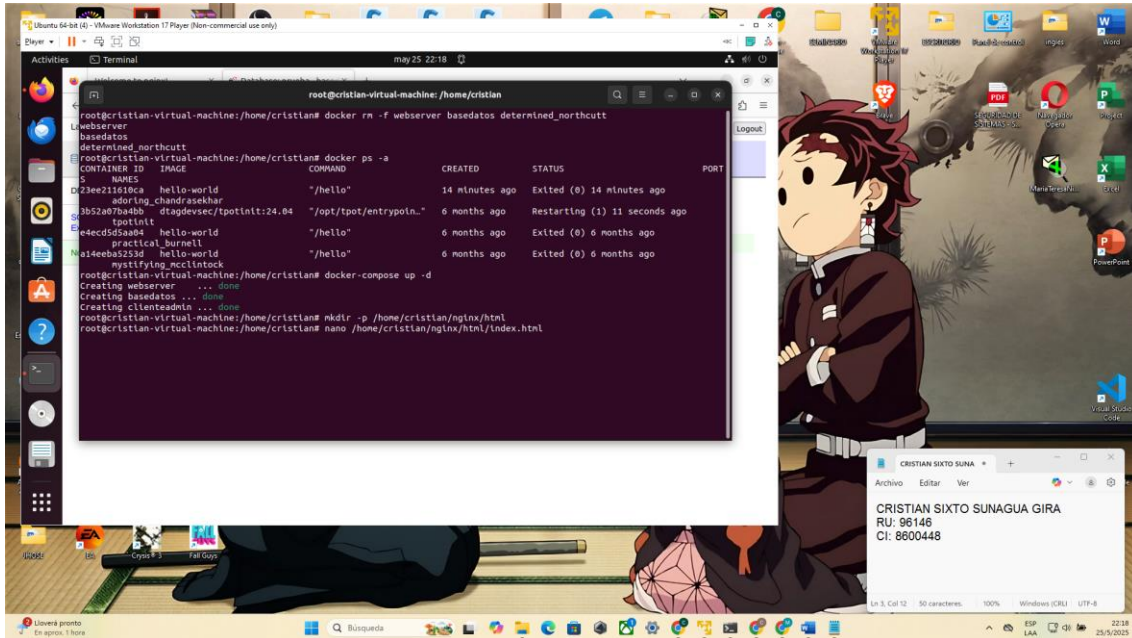




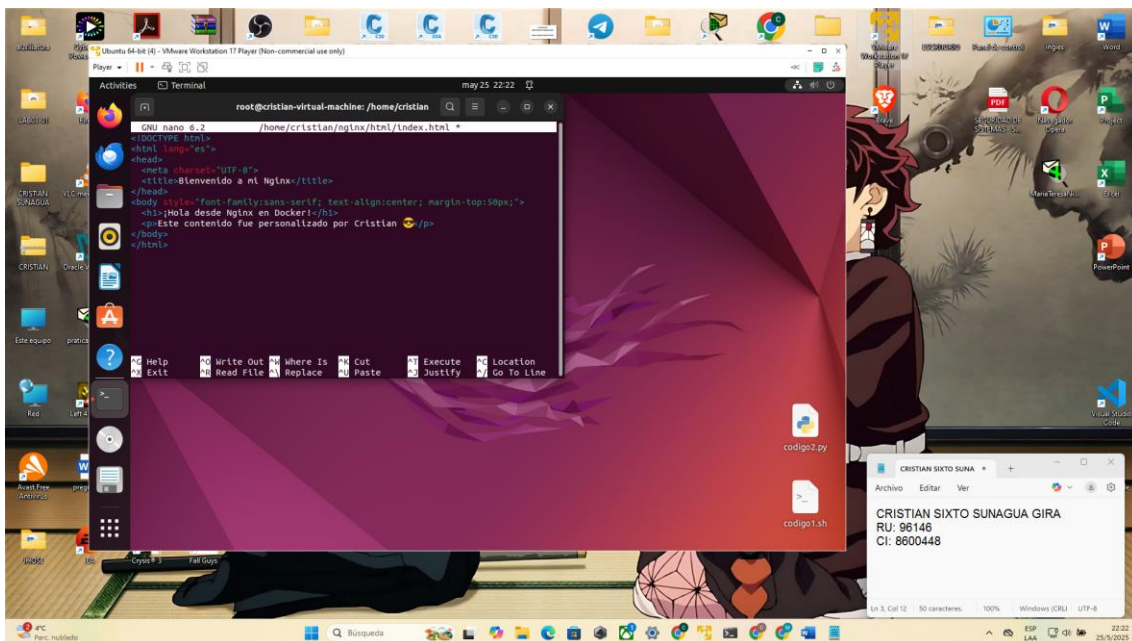
EXTRA

Personalizar el contenido que se sirve en Nginx

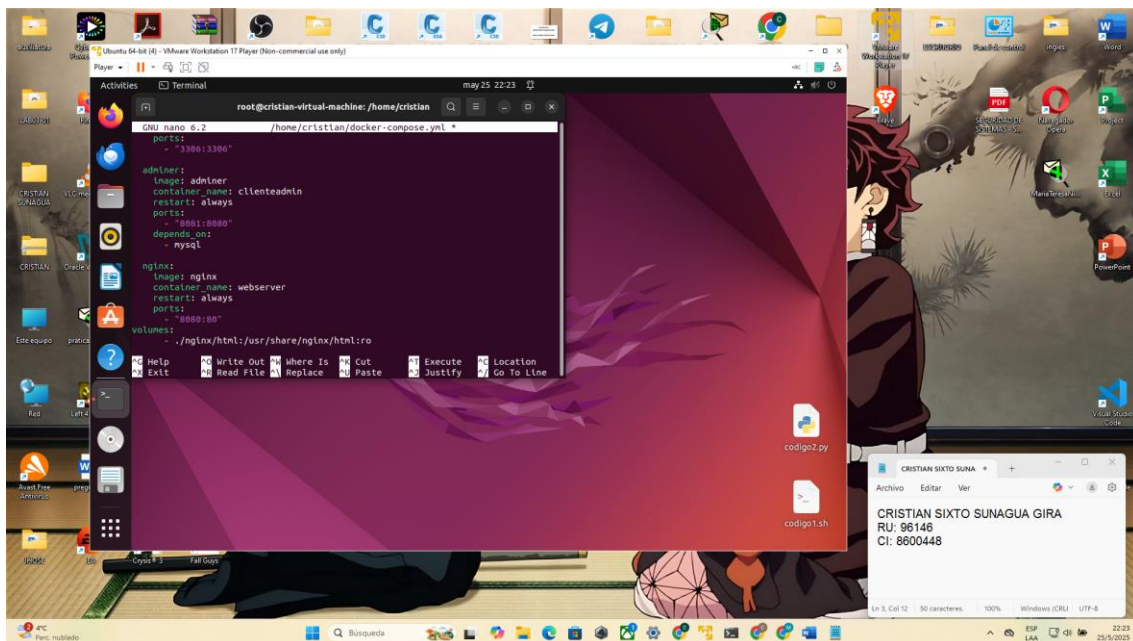
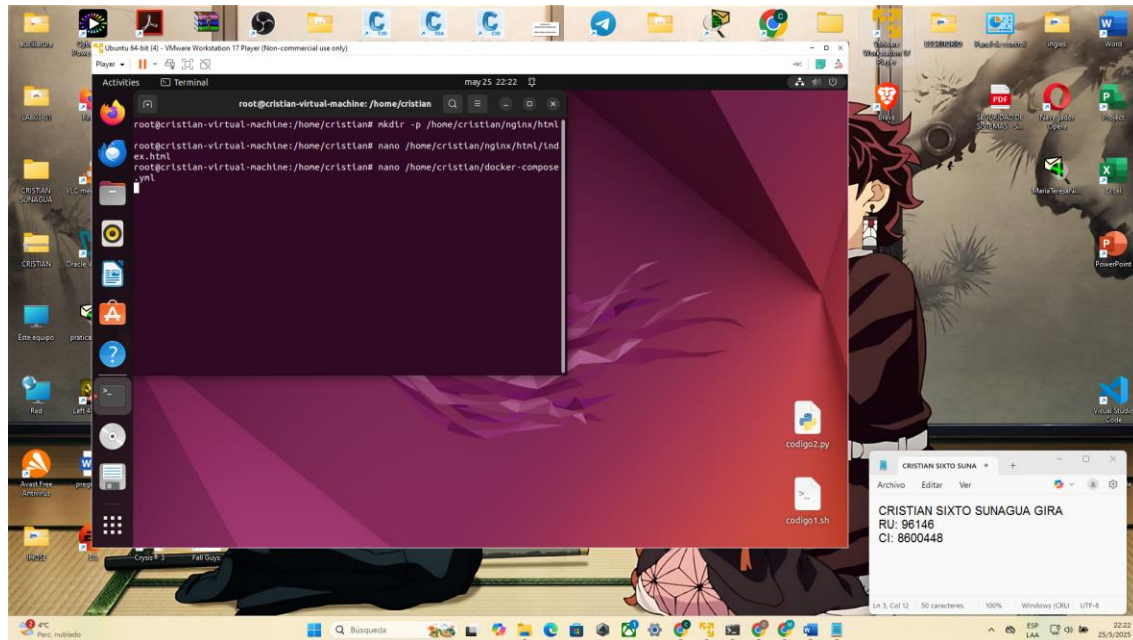
-Creamos una carpeta donde es html y un nano index.html



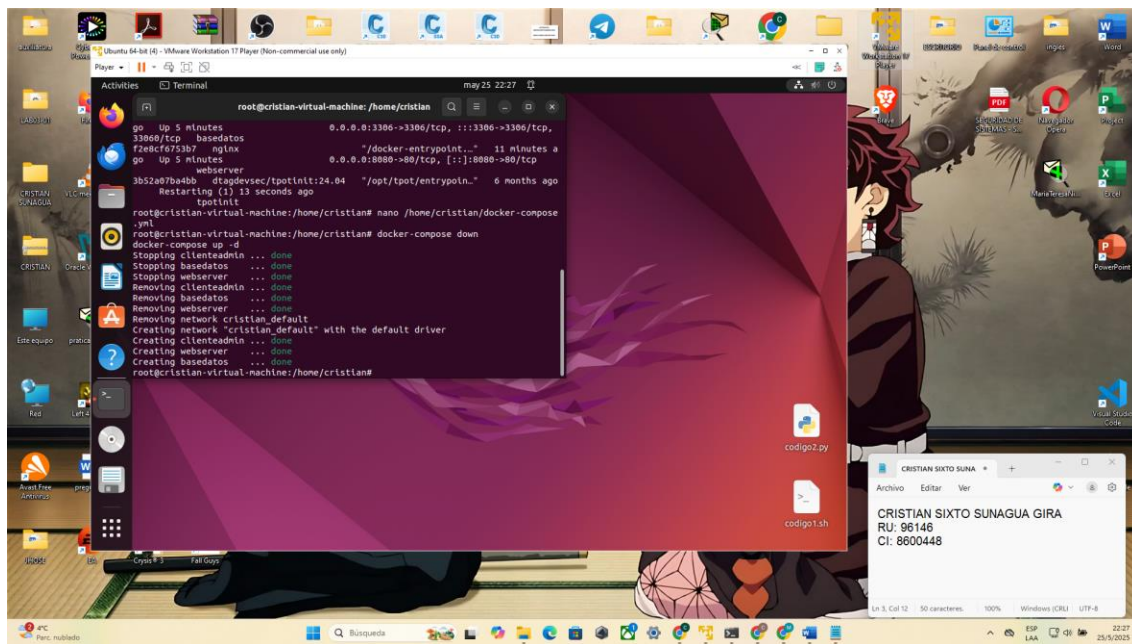
-En el nano estará el siguiente código que se vera en Nginx



-En el nano docker -compose.yml agregaremos volumes con la dirección del html.



-Por ultimo lo volvemos a levantar



-Ahora entrando al <http://localhost:8080> nos mostrara el html que estamos llegando

