

**IES VIRGEN DE LA PALOMA**

**Sistemas Informáticos**

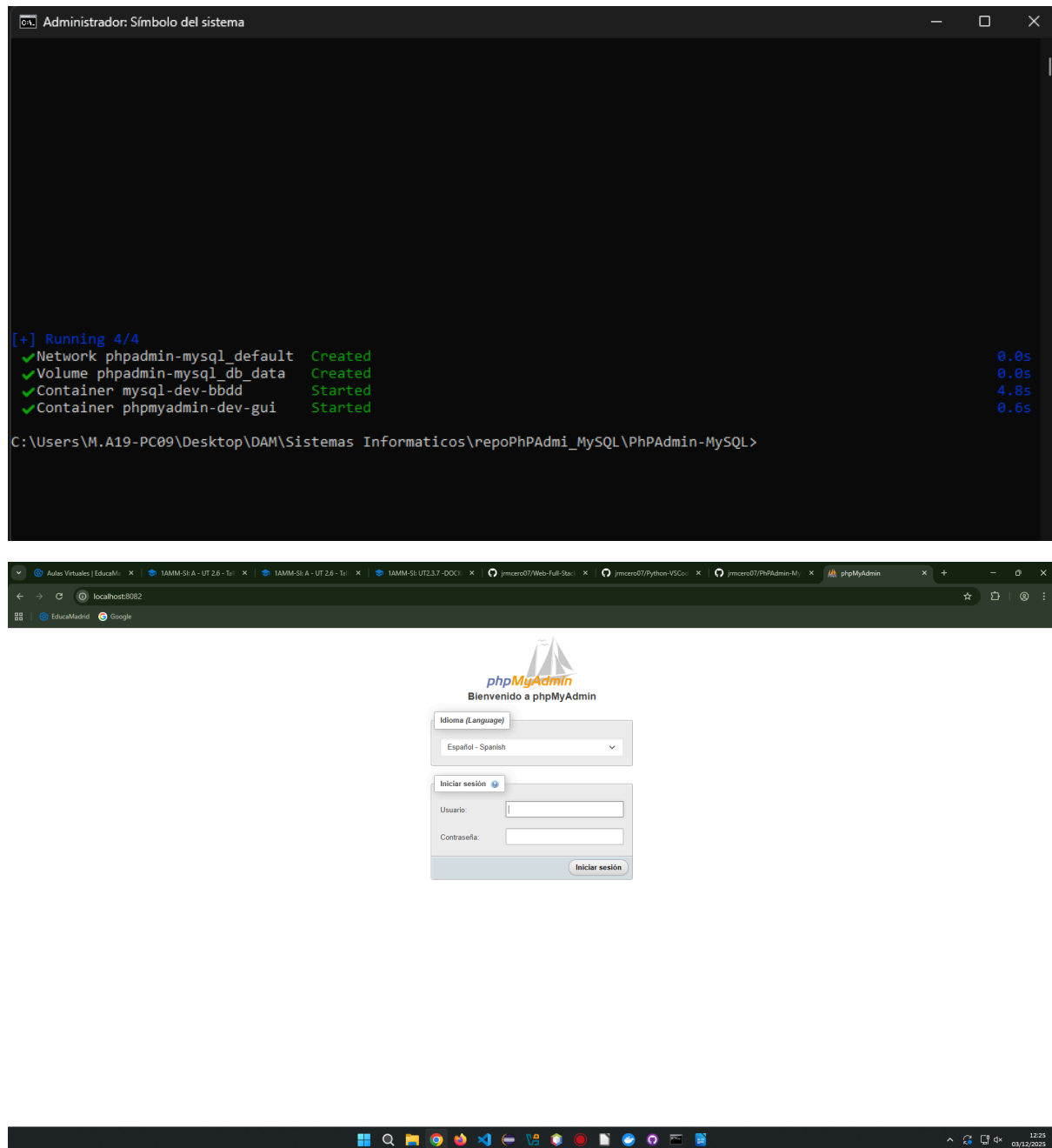
**UT\_02\_P6**

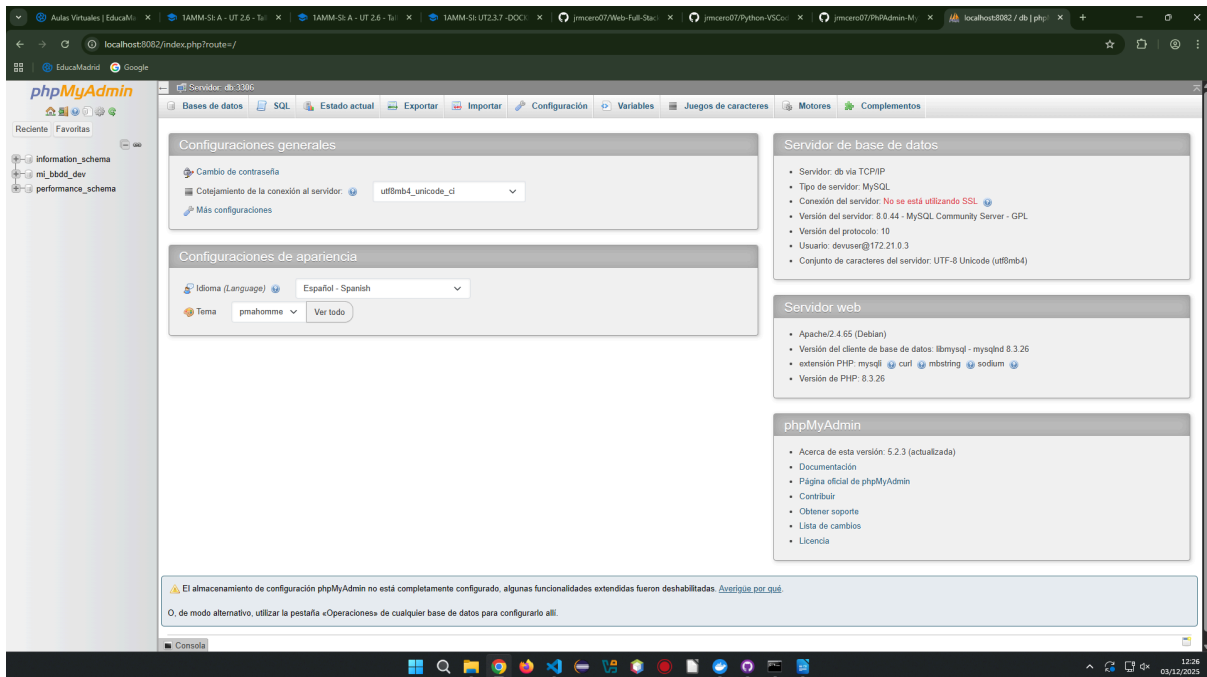
**Miguel Sanguña Guerra**

# Maquina Linux conectada por VNC



# Entorno BBDD con MySQL y PhP Admin





```

Administrador: Símbolo del sistema - docker exec -it mysql-dev-bbdd bash

C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoPhPadmi_MySQL\PhPAdmin-MySQL>docker exec -it mysql-dev-bbdd bash
bash-5.1# mysql -u devuser -p mi_bbdd_dev
Enter password:
ERROR 1045 (28000): Access denied for user 'devuser'@'localhost' (using password: YES)
bash-5.1# mysql -u devuser -p mi_bbdd_dev
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 67
Server version: 8.0.44 MySQL Community Server - GPL

Copyright (c) 2000, 2025, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> CREATE TABLE productos (
->   id INT AUTO_INCREMENT PRIMARY KEY,
->   nombre VARCHAR(100) NOT NULL,
->   precio DECIMAL(10, 2)
-> );
Query OK, 0 rows affected (0.04 sec)

mysql> INSERT INTO productos (nombre, precio) VALUES ('Laptop Dev', 1200.50);
Query OK, 1 row affected (0.01 sec)

```

```

Administrador: Símbolo del sistema - docker exec -it mysql-dev-bbdd bash

-> );
Query OK, 0 rows affected (0.04 sec)

mysql> INSERT INTO productos (nombre, precio) VALUES ('Laptop Dev', 1200.50);
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM productos;
+----+-----+-----+
| id | nombre | precio |
+----+-----+-----+
| 1  | Laptop Dev | 1200.50 |
+----+-----+-----+
1 row in set (0.00 sec)

mysql>

```

# Entorno desarrollo Web de Integración Continua - Frontend/Backend

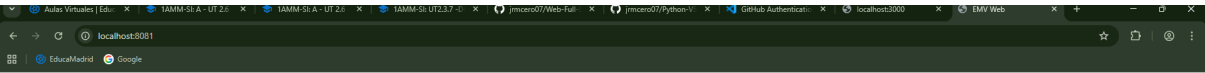
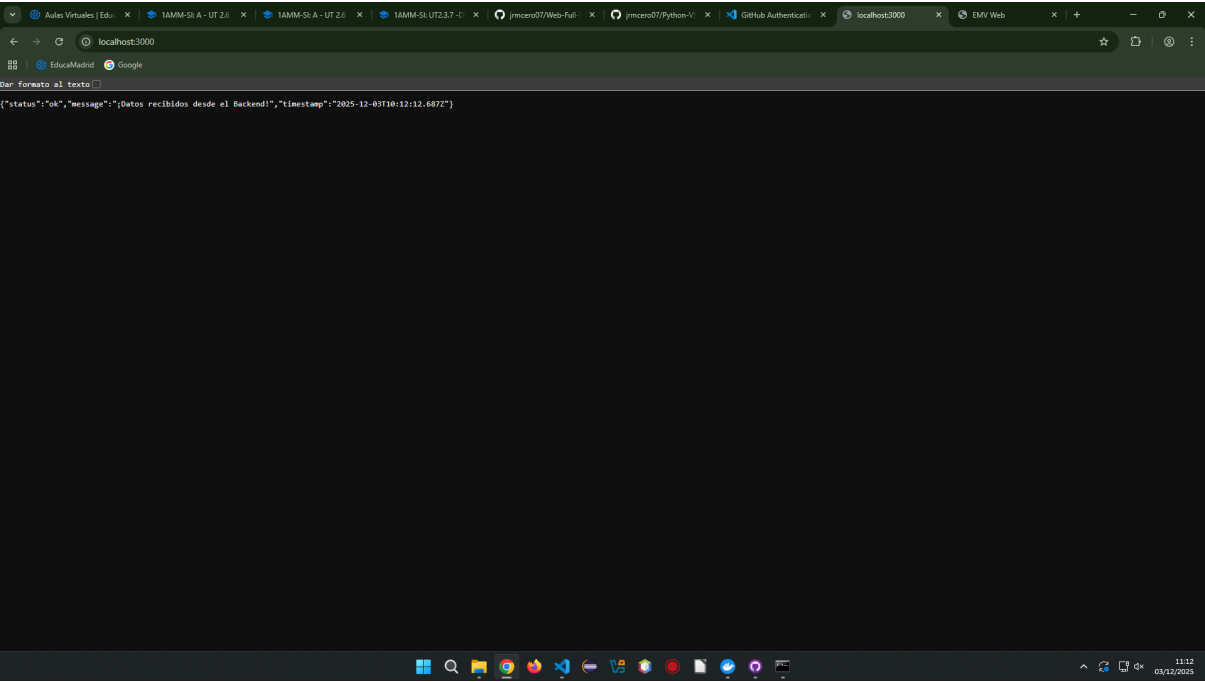
```
Símbolo del sistema

C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoFullStack\Web-Full-Stack>docker ps --filter "publish=8080"
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS          NAMES
C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoFullStack\Web-Full-Stack>docker ps --format "table {{.Names}}\
t{{.Ports}}"
NAMES          PORTS
web_backend_ci 0.0.0.0:3000->3000/tcp, [::]:3000->3000/tcp
C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoFullStack\Web-Full-Stack>docker ps --format "table {{.ID}}\t{{
.Names}}\t{{.Ports}}"
CONTAINER ID   NAMES          PORTS
f4c75cfddaa8   web_backend_ci 0.0.0.0:3000->3000/tcp, [::]:3000->3000/tcp
C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoFullStack\Web-Full-Stack>netstat -ano | findstr :8080
TCP        0.0.0.0:8080      0.0.0.0:0      LISTENING    7260
TCP        [::]:8080         [::]:0         LISTENING    7260
C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoFullStack\Web-Full-Stack>tasklist | findstr 7260
AgentService.exe           7260 Services           0      3.872 KB
C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoFullStack\Web-Full-Stack>docker compose up -d
time="2025-12-03T11:07:53+01:00" level=warning msg="C:\\Users\\M.A19-PC09\\Desktop\\DAM\\Sistemas Informaticos\\repoFull
Stack\\Web-Full-Stack\\docker-compose.yml: the attribute 'version' is obsolete, it will be ignored, please remove it to
avoid potential confusion"
[+] Running 2/2
  ✓ Container web_backend_ci   Running      0.0s
  ✓ Container web_frontend_dev Started      0.5s
C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoFullStack\Web-Full-Stack>
```

```
Administrador: Símbolo del sistema
Microsoft Windows [Versión 10.0.22631.6199]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Windows\System32>cd C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoFullStack\Web-Full-Stack
C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoFullStack\Web-Full-Stack>docker compose restart backend
time="2025-12-03T11:11:45+01:00" level=warning msg="C:\\Users\\M.A19-PC09\\Desktop\\DAM\\Sistemas Informaticos\\repoFull
Stack\\Web-Full-Stack\\docker-compose.yml: the attribute 'version' is obsolete, it will be ignored, please remove it to
avoid potential confusion"
[+] Restarting 1/1
  ✓ Container web_backend_ci   Started      1.7s
C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoFullStack\Web-Full-Stack>
```

ambos servicios interconectados



**Estado de la Integración (API)**

Mensaje: ¡Datos recibidos desde el Backend! (2025-12-03T10:12:19.860Z)



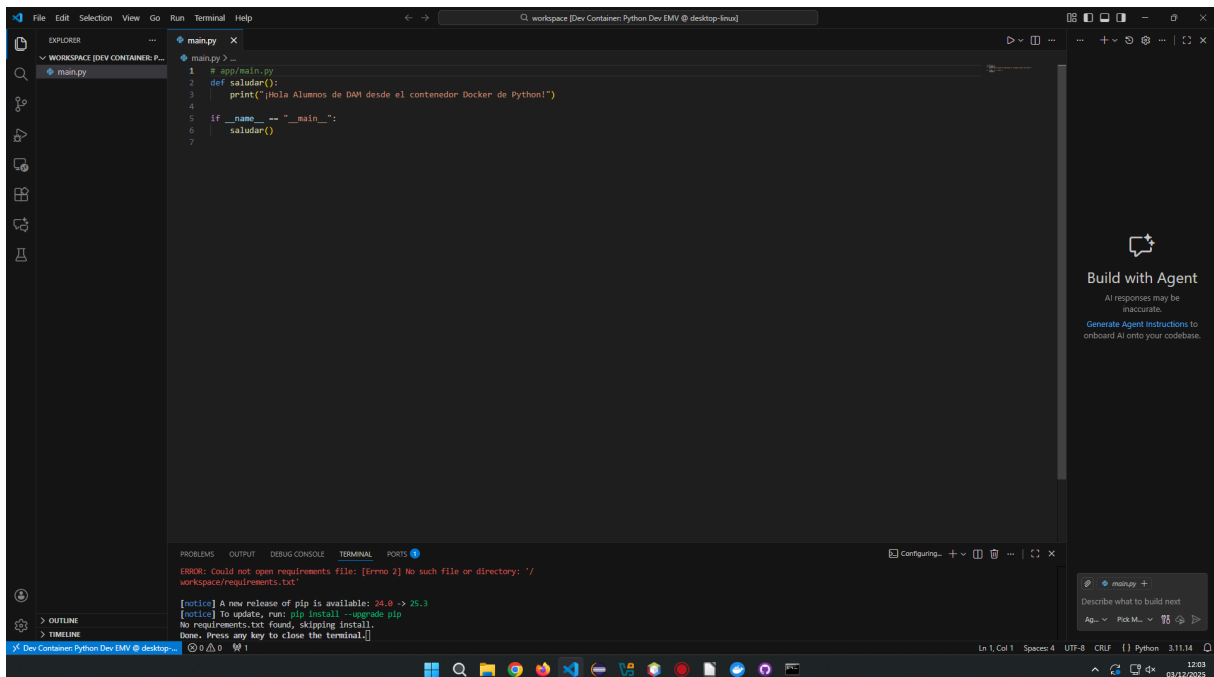
# Entorno de desarrollo con Python

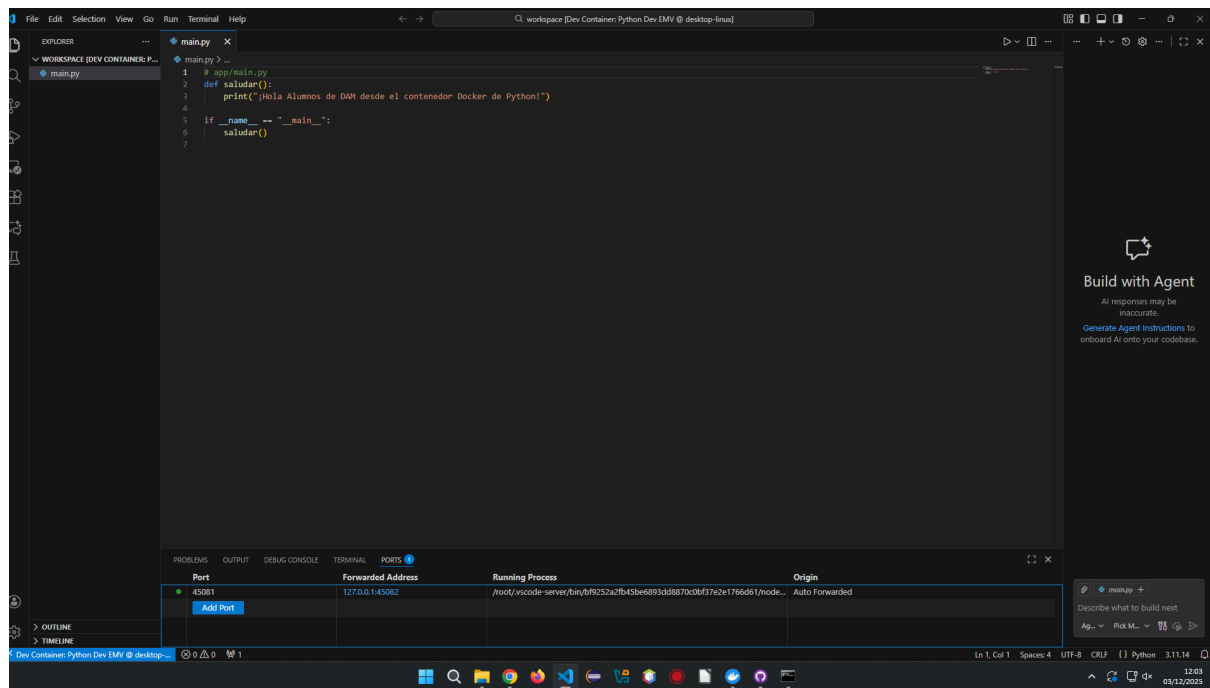
```
Símbolo del sistema
Microsoft Windows [Versión 10.0.22631.6199]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\M.A19-PC09>cd C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoPython_VSCode\Python-VSCode

C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoPython_VSCode\Python-VSCode>docker compose up -d
time="2025-12-03T10:48:08+01:00" level=warning msg="C:\\Users\\M.A19-PC09\\Desktop\\DAM\\Sistemas Informaticos\\repoPyth
on_VSCode\\Python-VSCode\\docker-compose.yml: the attribute 'version' is obsolete, it will be ignored, please remove it
to avoid potential confusion"
[+] Running 5/5
  ✓ python-dev Pulled                                7.6s
  ✓ 1771569cc129 Pull complete                        0.8s
  ✓ 0e4bc2bd6656 Pull complete                        5.1s
  ✓ b3dd773c3296 Pull complete                        5.4s
  ✓ 22b63e76fde1 Pull complete                        5.2s
[+] Running 2/2
  ✓ Network python-vscode_dev-network Created          0.0s
  ✓ Container python_emv_dev Started                  0.7s

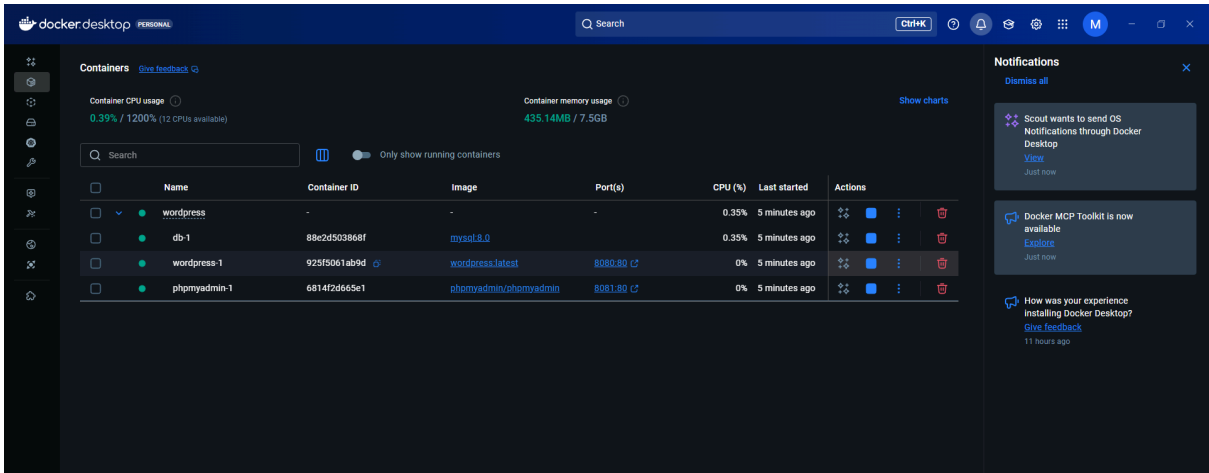
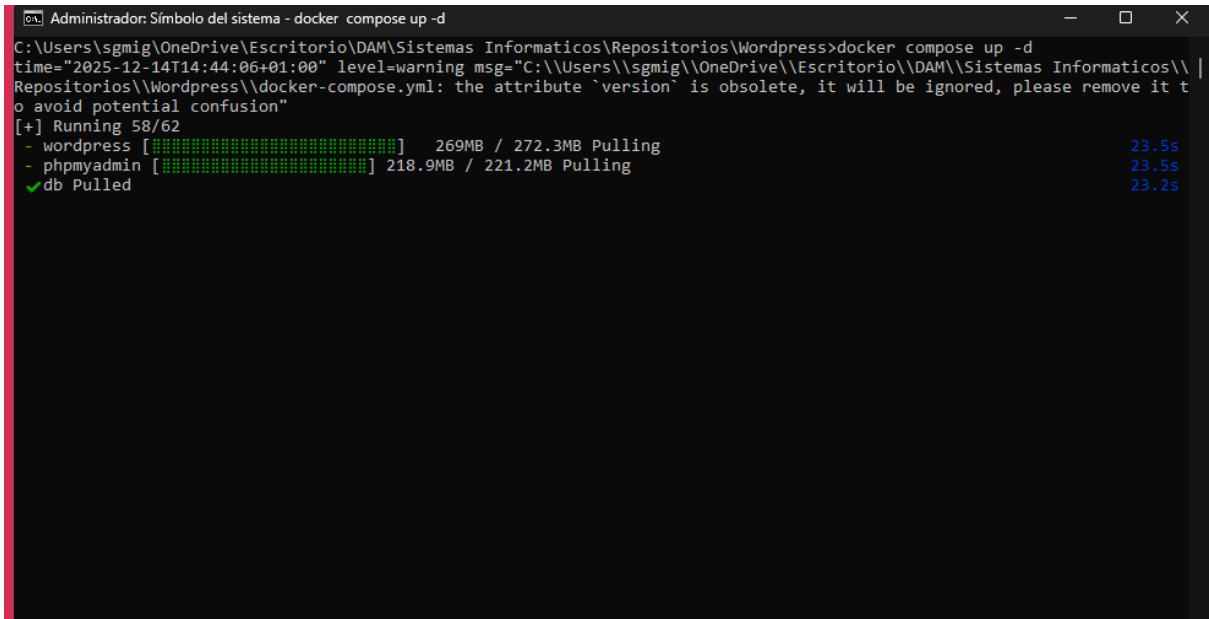
C:\Users\M.A19-PC09\Desktop\DAM\Sistemas Informaticos\repoPython_VSCode\Python-VSCode>
```

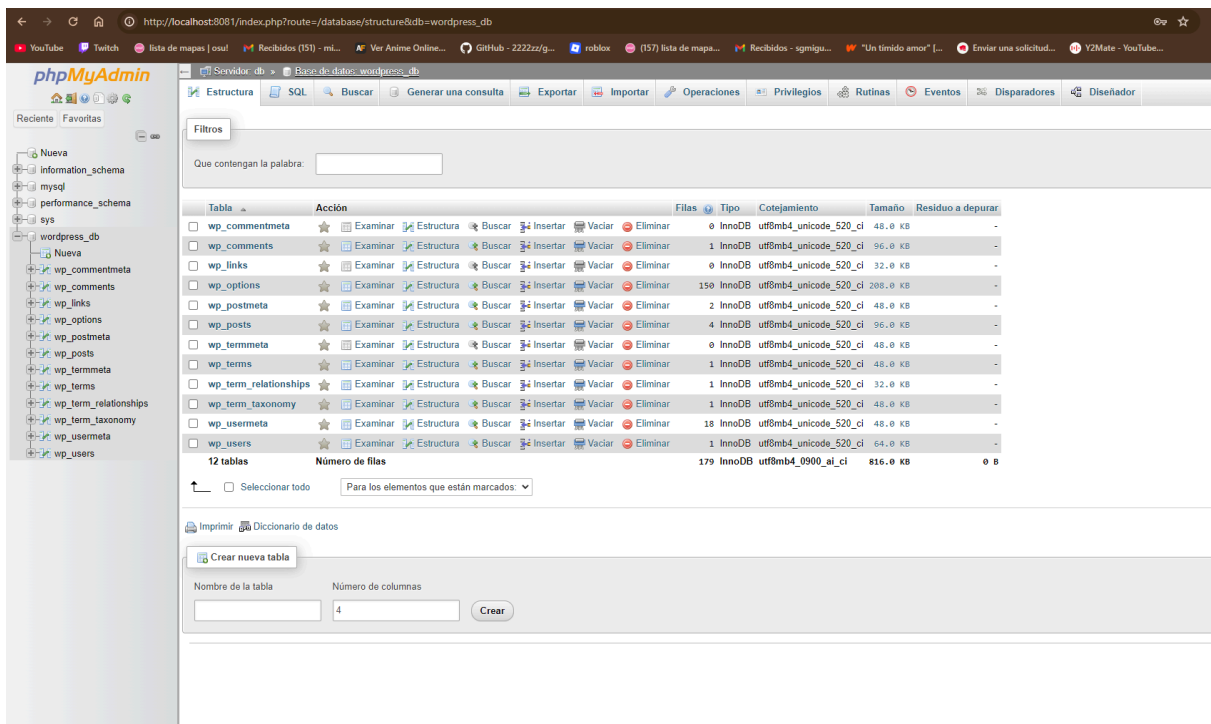
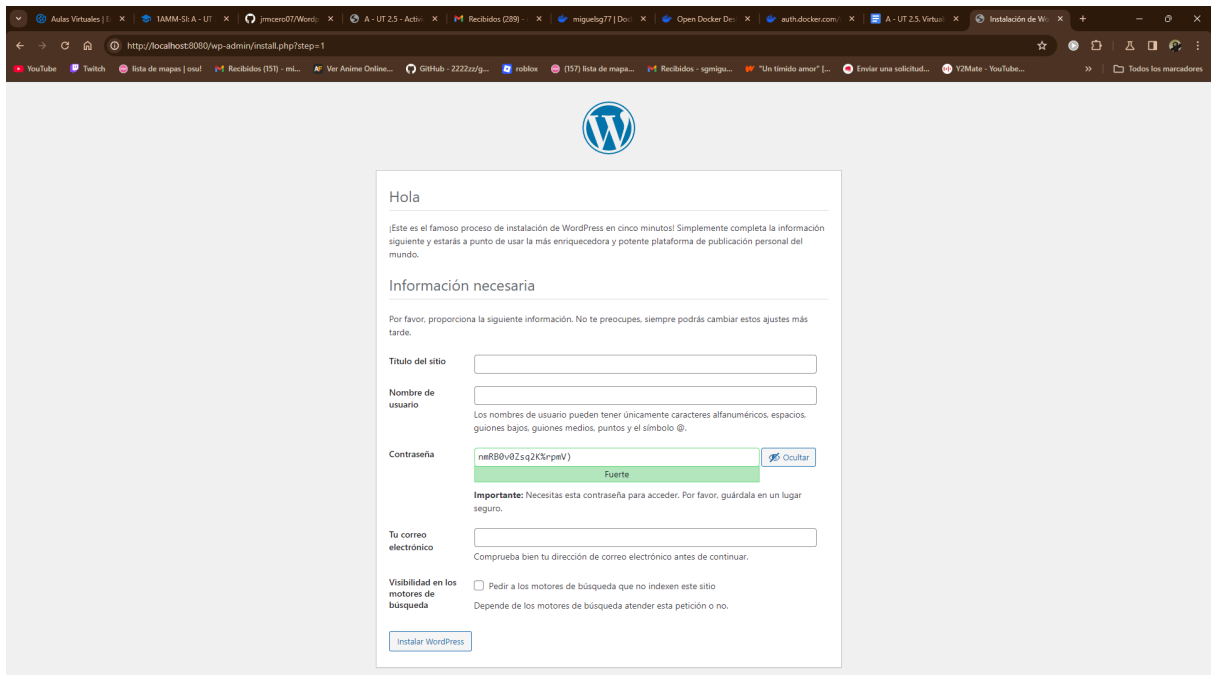


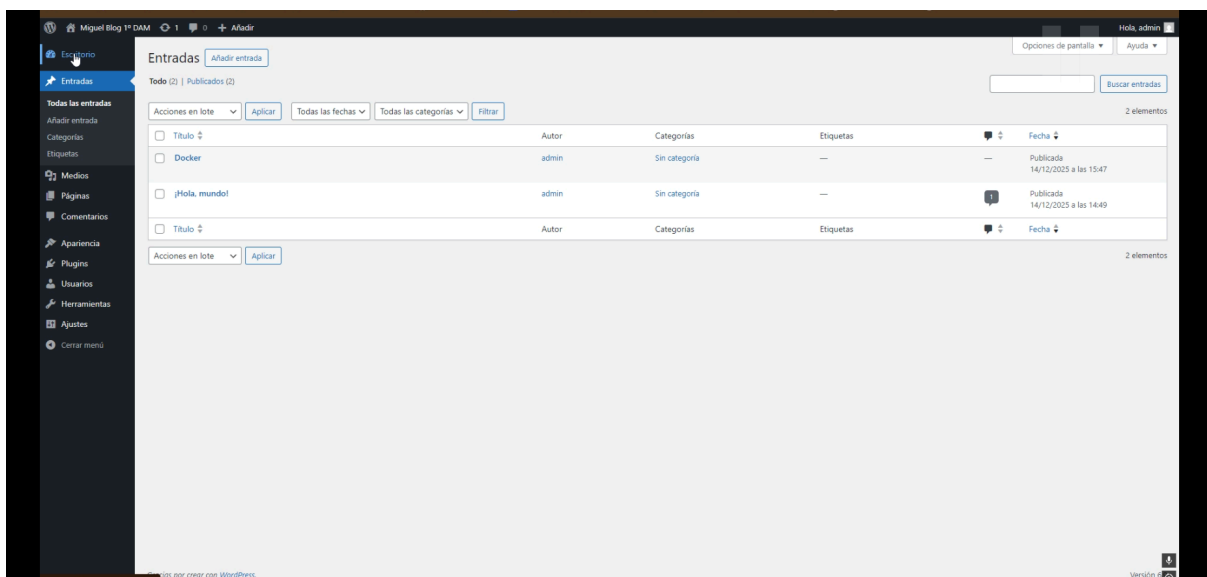
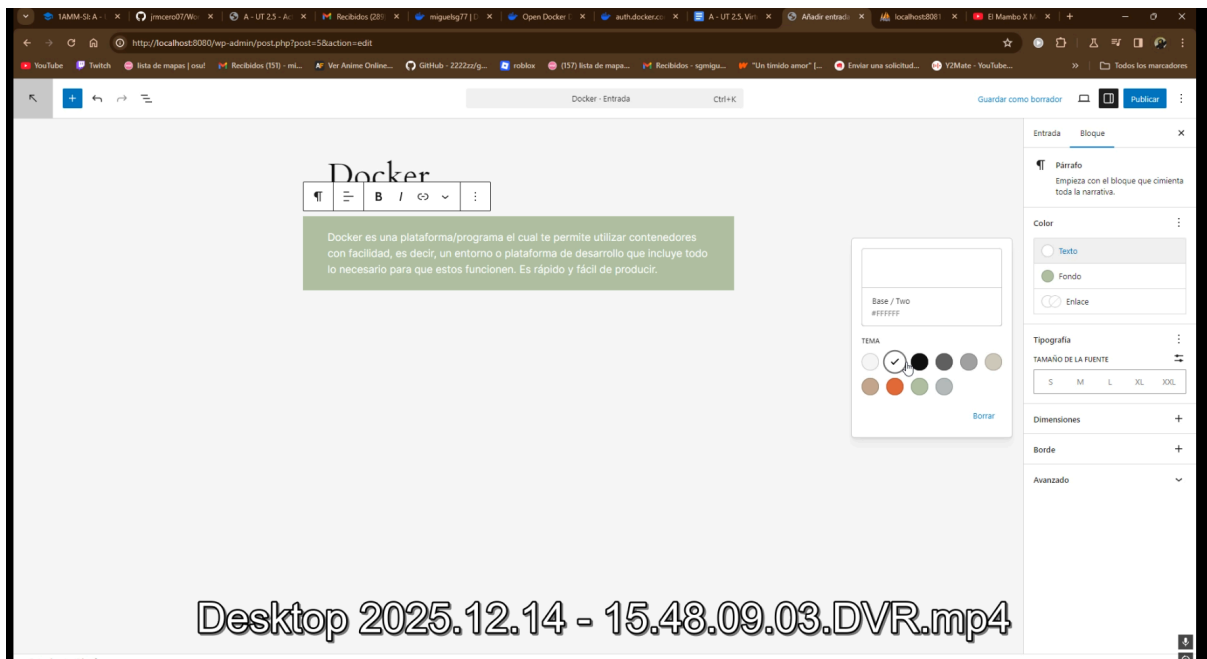




# Entorno LAMP para Wordpress







## Watch, Read, Listen

Docker

Dic 14, 2025 — by admin in Sin categoría

¡Hola, mundo!

Dic 14, 2025 — by admin in Sin categoría

# Docker

Dic 14, 2025 — by admin in Sin categoría

Docker es una plataforma/programa el cual te permite utilizar contenedores con facilidad, es decir, un entorno o plataforma de desarrollo que incluye todo lo necesario para que estos funcionen. Es rápido y fácil de producir.

