

1.- Creando el volumen para almacenar la información de la base datos

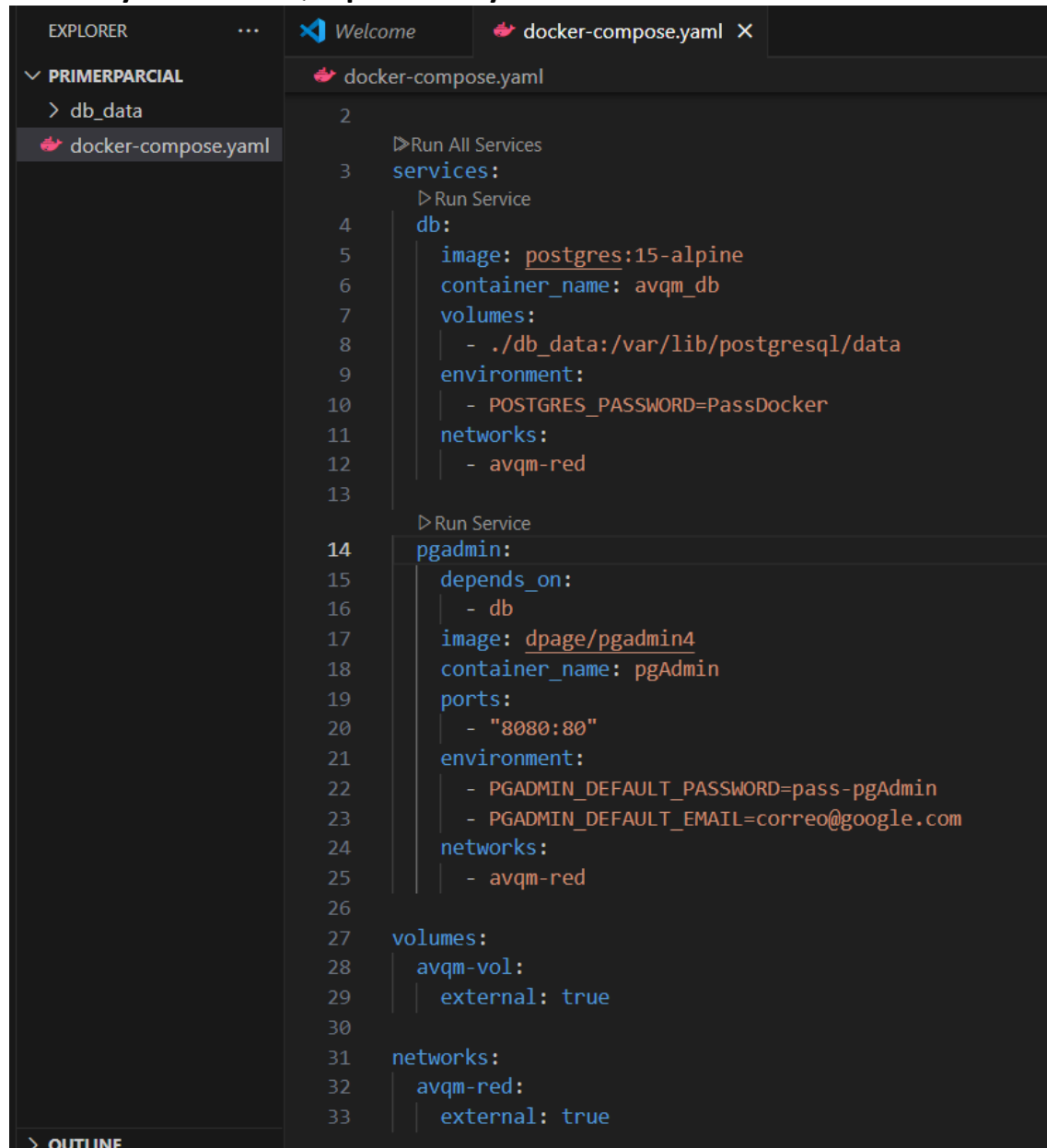
```
D:\DevOps\mivolumen\PrimerParcial (0.301s)
docker volume create avqm-vol
avqm-vol

D:\DevOps\mivolumen\PrimerParcial (0.117s)
docker volume ls
DRIVER      VOLUME NAME
local      9ca41941167cbb330d0bc93fc00ea2abd9bee70277a291bf9b601427be4872f8
local      60258ba12f002e5f71293466cbac95cc8b0e339945a734ae73f974d72bad3c16
local      132753fabcbfe4c8afe1fb1448bae964981943e0ffdd5e8eb9df48e29d76ab7d
local      a302541b9d36b1fe9d72d7aa12049ec430e6ba9e1bc0a1b6a0d27d7bed859f41
local      avqm-vol
```

2.- Creando mi red

```
D:\DevOps\mivolumen\PrimerParcial (0.253s)
docker network create avqm-red
1a08062af03797e4aacc5a6f107aab65493bcb41f2621469302833ecf6056ead

D:\DevOps\mivolumen\PrimerParcial (0.088s)
docker network ls
NETWORK ID      NAME                DRIVER      SCOPE
1a08062af037    avqm-red            bridge      local
d6afc63eb551    bridge              bridge      local
ccfcf705e91c    host                host        local
```



The image shows a Visual Studio Code editor window with a Docker Compose file named `docker-compose.yml` open. The Explorer sidebar on the left shows the project structure with `PRIMERPARCIAL` and `db_data` folders. The main editor area displays the following YAML configuration:



```
2
3  services:
4    db:
5      image: postgres:15-alpine
6      container_name: avqm_db
7      volumes:
8        - ./db_data:/var/lib/postgresql/data
9      environment:
10       - POSTGRES_PASSWORD=PassDocker
11      networks:
12        - avqm-red
13
14    pgadmin:
15      depends_on:
16        - db
17      image: dpage/pgadmin4
18      container_name: pgAdmin
19      ports:
20        - "8080:80"
21      environment:
22        - PGADMIN_DEFAULT_PASSWORD=pass-pgAdmin
23        - PGADMIN_DEFAULT_EMAIL=correo@google.com
24      networks:
25        - avqm-red
26
27    volumes:
28      avqm-vol:
29        external: true
30
31    networks:
32      avqm-red:
33        external: true
```


At the bottom of the Explorer sidebar, there is an `> OUTLINE` button.

← → ↻ localhost:8080/login?next=/

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» Todos los marcadores

 You must sign in to view this resource. 



pgAdmin

Login

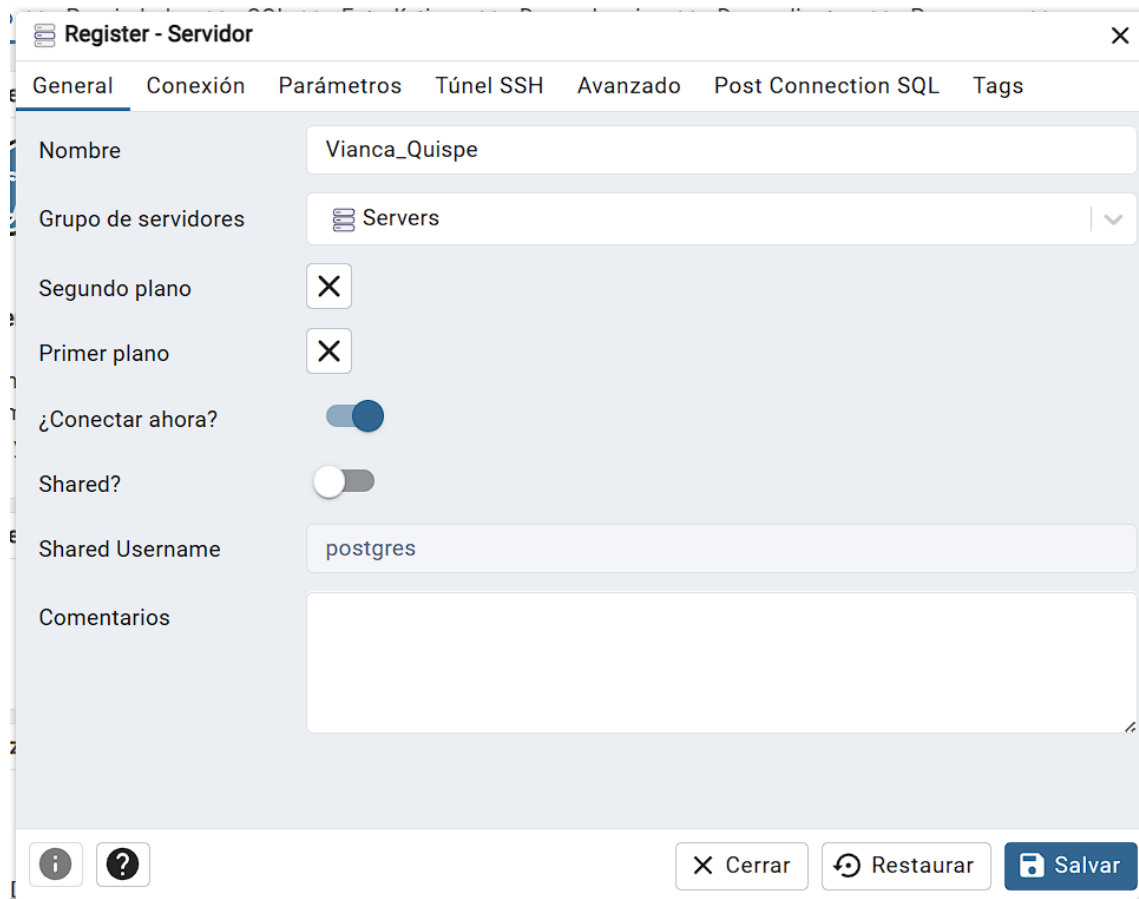
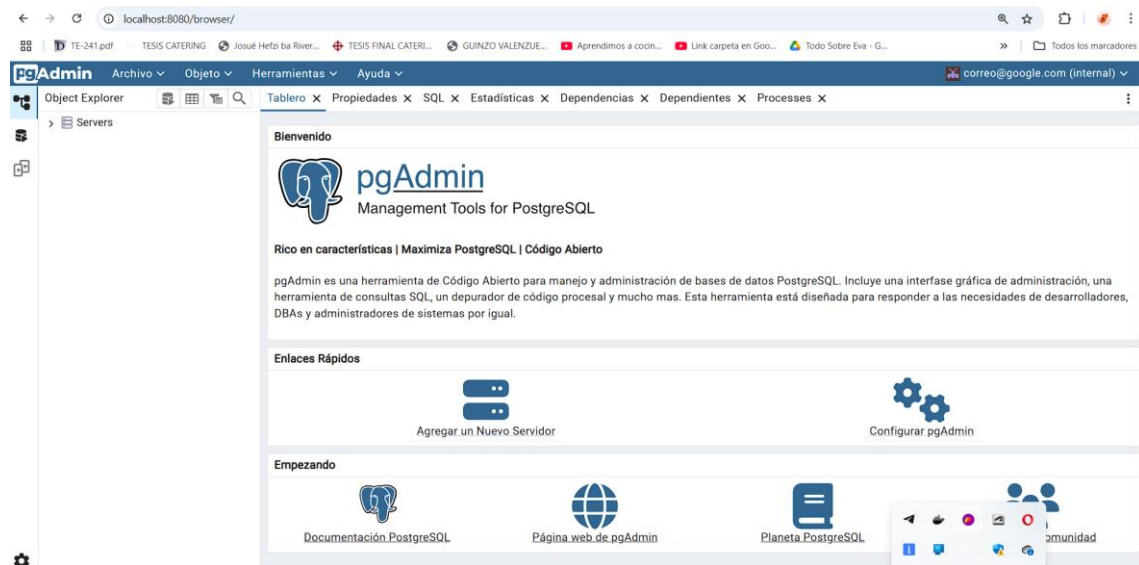
correo@google.com

.....

[Forgotten your password?](#)

Spanish ▼

Login



Register - Servidor

X

General

Conexión

Parámetros

Túnel SSH

Avanzado

Post Connection SQL

Tags

Nombre/Dirección de servidor

avqm_db

Puerto

5432

Base de datos de mantenimiento

postgres

Nombre de usuario

postgres

Kerberos authentication?

☐

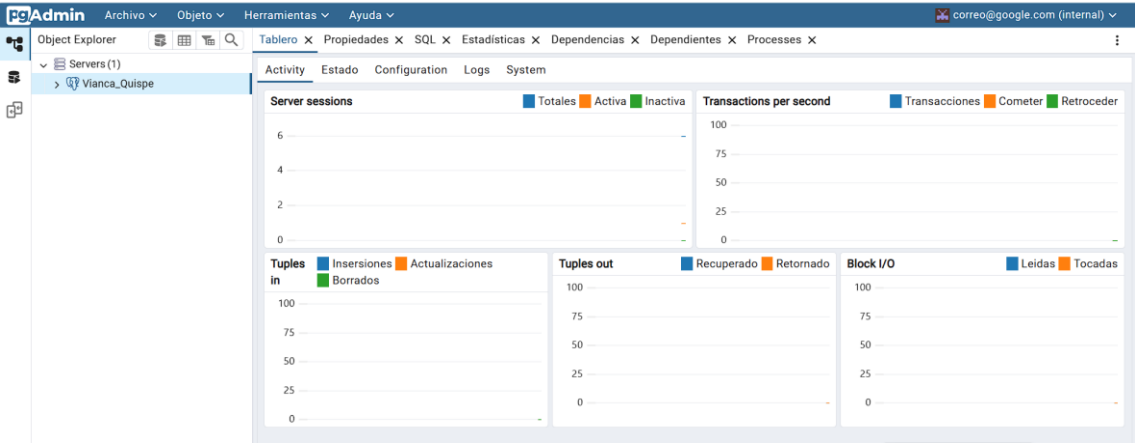
Contraseña

.....

X Cerrar

Restaurar

Salvar



Conexión exitosa