1. Primero he creado cartero y cliente y a cartero le he metido

```
PS C:\xampp\htdocs\examenDocker\cartero> composer require guzzlehttp/guzzle
No composer.json in current directory, do you want to use the one at C:\xampp\htdocs? [Y,n]? n
./composer.json has been created
Running composer update guzzlehttp/guzzle
Loading composer repositories with package information
Updating dependencies
Lock file operations: 8 installs, 0 updates, 0 removals
  - Locking guzzlehttp/guzzle (7.8.1)
  - Locking guzzlehttp/promises (2.0.2)
  - Locking guzzlehttp/psr7 (2.6.2)
  - Locking psr/http-client (1.0.3)
  - Locking psr/http-factory (1.0.2)
  - Locking psr/http-message (2.0)
  - Locking ralouphie/getallheaders (3.0.3)
  - Locking symfony/deprecation-contracts (v3.4.0)
Writing lock file
```
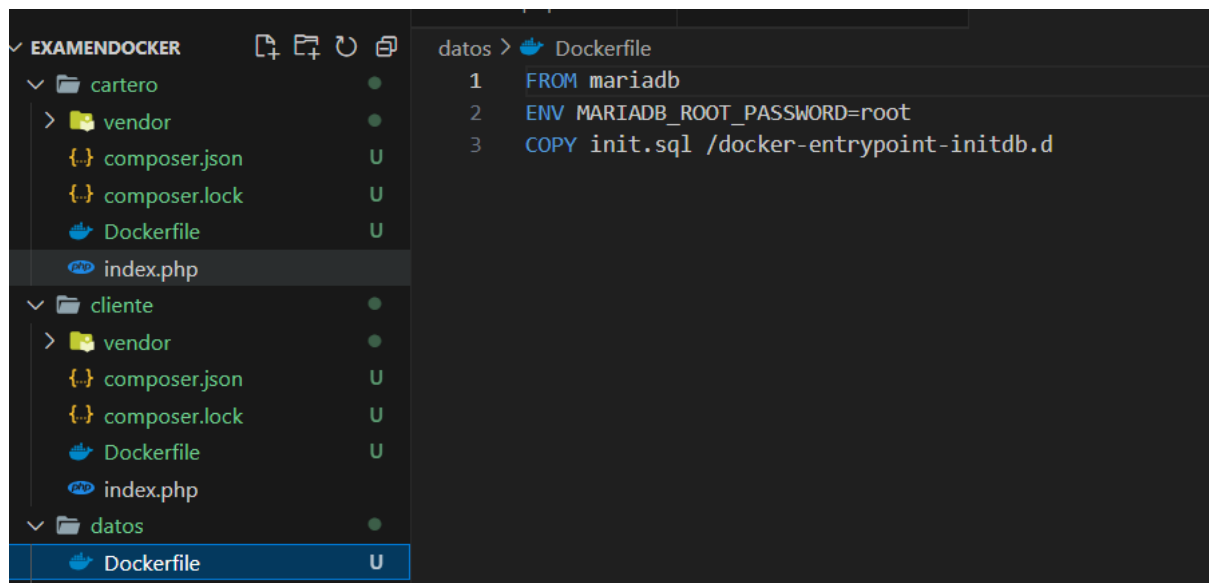
y Esta tambien:

```
PS C:\xampp\htdocs\examenDocker\cartero> composer require phpmailer/phpmailer
./composer.json has been updated
Running composer update phpmailer/phpmailer
Loading composer repositories with package information
Updating dependencies
Lock file operations: 1 install, 0 updates, 0 removals
  - Locking phpmailer/phpmailer (v6.9.1)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 1 install, 0 updates, 0 removals
5 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
No security vulnerability advisories found.
Using version ^6.9 for phpmailer/phpmailer
```
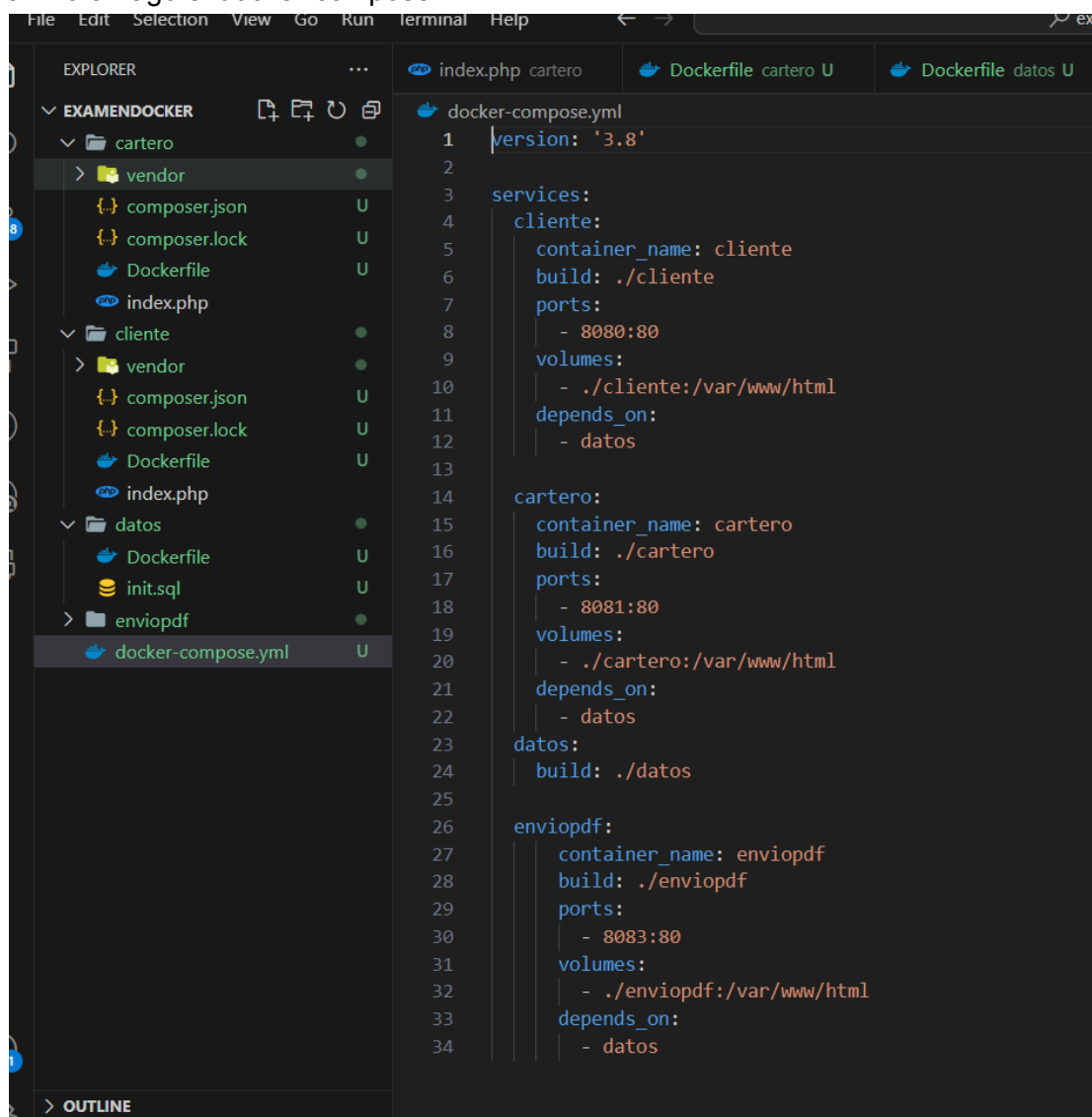
Y a cliente

```
PS C:\xampp\htdocs\examenDocker\cliente> composer require guzzlehttp/guzzle
No composer.json in current directory, do you want to use the one at C:\xampp\htdocs? [Y,n]? n
./composer.json has been created
Running composer update guzzlehttp/guzzle
Loading composer repositories with package information
Updating dependencies
Lock file operations: 8 installs, 0 updates, 0 removals
  - Locking guzzlehttp/guzzle (7.8.1)
  - Locking guzzlehttp/promises (2.0.2)
  - Locking guzzlehttp/psr7 (2.6.2)
  - Locking psr/http-client (1.0.3)
  - Locking psr/http-factory (1.0.2)
  - Locking psr/http-message (2.0)
  - Locking ralouphie/getallheaders (3.0.3)
  - Locking symfony/deprecation-contracts (v3.4.0)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 8 installs, 0 updates, 0 removals
  - Installing symfony/deprecation-contracts (v3.4.0): Extracting archive
  - Installing psr/http-message (2.0): Extracting archive
  - Installing psr/http-client (1.0.3): Extracting archive
  - Installing ralouphie/getallheaders (3.0.3): Extracting archive
  - Installing psr/http-factory (1.0.2): Extracting archive
  - Installing guzzlehttp/psr7 (2.6.2): Extracting archive
  - Installing guzzlehttp/promises (2.0.2): Extracting archive
```
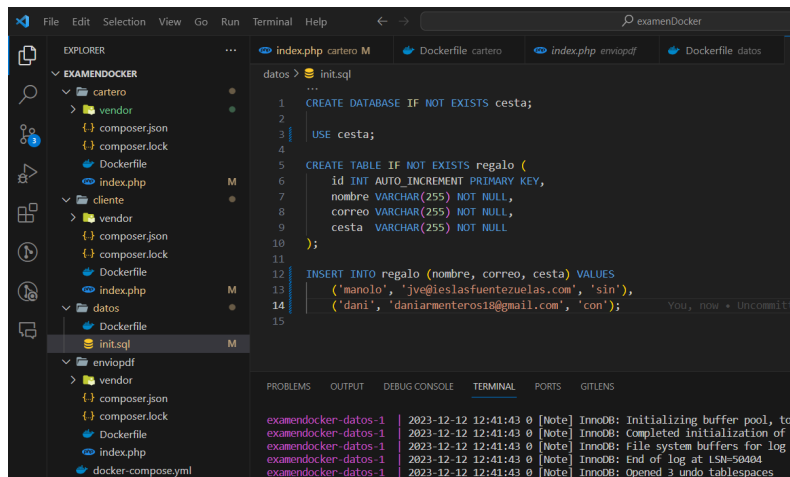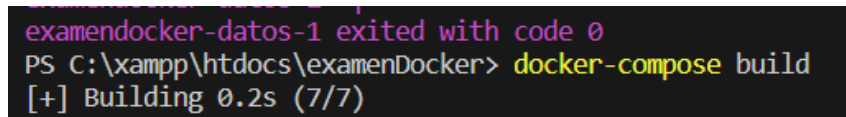
Ahora creo la carpeta datos:

```
datos > 🐳 Dockerfile
  1    FROM mariadb
  2    ENV MARIADB_ROOT_PASSWORD=root
  3    COPY init.sql /docker-entrypoint-initdb.d
```
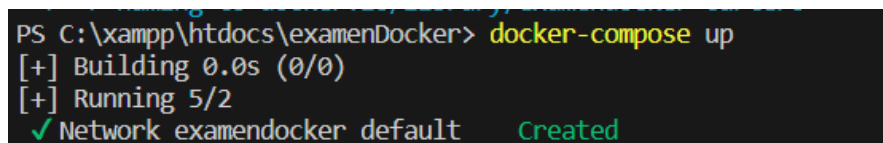
3.Ahora hago el docker-compose

```yml
version: '3.8'

services:
  cliente:
    container_name: cliente
    build: ./cliente
    ports:
      - 8080:80
    volumes:
      - ./cliente:/var/www/html
    depends_on:
      - datos

  cartero:
    container_name: cartero
    build: ./cartero
    ports:
      - 8081:80
    volumes:
      - ./cartero:/var/www/html
    depends_on:
      - datos
  datos:
    build: ./datos

  enviopdf:
    container_name: enviopdf
    build: ./enviopdf
    ports:
      - 8083:80
    volumes:
      - ./enviopdf:/var/www/html
    depends_on:
      - datos
```

4. Aquí la creo la base de datos y le meto datos:

Ahora paso a paso y poniendo el ; correctamente , lo levantamos,

```
examendocker-datos-1 exited with code 0
PS C:\xampp\htdocs\examenDocker> docker-compose build
[+] Building 0.2s (7/7)
```

Y aqui levantamos

```
PS C:\xampp\htdocs\examenDocker> docker-compose up
[+] Building 0.0s (0/0)
[+] Running 5/2
 ✓ Network examendocker_default      Created
```

Aqui nos lo ha creado correctamente

```
examendocker-datos-1
examendocker-datos
c6bd93280974

Logs   Inspect   Bind mounts   Exec   Files   Stats

# mariadb -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 3
Server version: 11.1.2-MariaDB-1:11.1.2+maria~ubu2204 mariadb.org binary distributi

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> use cesta;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
MariaDB [cesta]> select * from regalo;
+----+--------+----------------------------+-------+
| id | nombre | correo                     | cesta |
+----+--------+----------------------------+-------+
|  1 | manolo | jve@ieslasfuentezuelas.com | sin   |
|  2 | dani   | daniarmenteros18@gmail.com | con   |
+----+--------+----------------------------+-------+
2 rows in set (0.001 sec)

MariaDB [cesta]>
```

Y los demás contenedores:

	examendocker		Running (4/4)	0.02%		4 minutes ago	■	⋮	🗑
	datos-1 c6bd93280974	examendocker-datos	Running	0.02%		4 minutes ago	■	⋮	🗑
	cliente 291a309d69dc	examendocker-cliente	Running	0%	8080:80	4 minutes ago	■	⋮	🗑
	cartero 46886445b50e	examendocker-cartero	Running	0%	8081:80	4 minutes ago	■	⋮	🗑
	enviopdf 1353b0aff056	examendocker-enviopdf	Running	0%	8083:80	4 minutes ago	■	⋮	🗑

5. Ahora aqui te dejo mi clase que envia pdf

6. Aqui pongo a quien lo quiero y llegaria correctamente

Y aqui cuando lo ha enviado:

Operación en cartero completada. Respuesta: Enviado ?>

Formulario

Nombre: [   ] Enviar