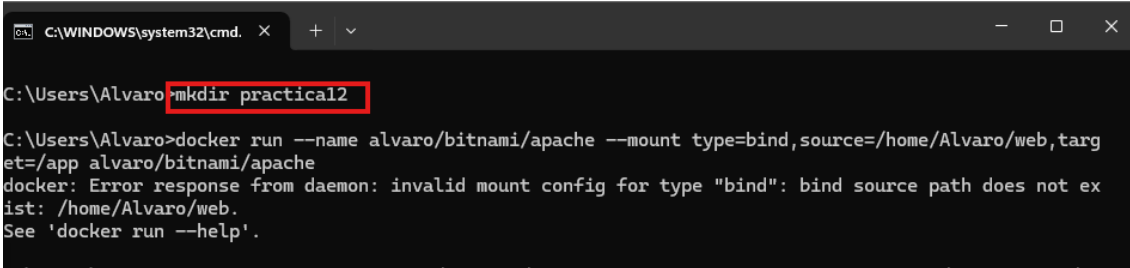


# ÁLVARO JOAQUÍN ALBARRACÍN SALINAS. 2ºDAW.

Creamos la carpeta que contendrá la web.



```
C:\WINDOWS\system32\cmd. x + v
C:\Users\Alvaro>mkdir practical12
C:\Users\Alvaro>docker run --name alvaro/bitnami/apache --mount type=bind,source=/home/Alvaro/web,target=/app alvaro/bitnami/apache
docker: Error response from daemon: invalid mount config for type "bind": bind source path does not exist: /home/Alvaro/web.
See 'docker run --help'.
```

Comprobamos que la hemos creado.

```
C:\Users\Alvaro>dir
El volumen de la unidad C no tiene etiqueta.
El número de serie del volumen es: 3091-5633

Directorio de C:\Users\Alvaro

10/02/2025  11:43    <DIR>          .
25/11/2024  10:02    <DIR>          ..
07/01/2025  14:05                351 .bash_history
03/12/2024  09:08    <DIR>          .cache
10/02/2025  08:25    <DIR>          .docker
03/12/2024  09:08    <DIR>          .eclipse
25/11/2024  10:17                196 .gitconfig
21/01/2025  12:39    <DIR>          .jdk
15/01/2025  12:07    <DIR>          .lemminx
21/01/2025  12:39    <DIR>          .m2
21/01/2025  08:26    <DIR>          .p2
07/02/2025  10:38    <DIR>          .VirtualBox
25/11/2024  10:15    <DIR>          .vscode
09/01/2025  08:32    <DIR>          apache-tomcat-9.0.89
25/11/2024  10:02    <DIR>          Contacts
04/02/2025  08:24    <DIR>          Desktop
10/01/2025  13:30    <DIR>          Documents
10/02/2025  09:55    <DIR>          Downloads
07/01/2025  09:55    <DIR>          eclipse
21/01/2025  09:25    <DIR>          eclipse-enterprise
03/12/2024  09:08    <DIR>          eclipse-workspace
07/01/2025  09:56    <DIR>          eclipseEnterprise
25/11/2024  12:49    <DIR>          example-app
25/11/2024  10:02    <DIR>          Favorites
28/01/2025  08:58                278 index.html
25/11/2024  10:02    <DIR>          Links
25/11/2024  10:02    <DIR>          Music
25/11/2024  10:02    <DIR>          OneDrive
26/11/2024  08:24    <DIR>          Pictures
10/02/2025  11:43    <DIR>          practical12
25/11/2024  10:02    <DIR>          Saved Games
26/11/2024  08:18    <DIR>          Searches
09/01/2025  11:31    <DIR>          Videos
10/12/2024  08:23    <DIR>          VirtualBox VMs
                3 archivos                825 bytes
                31 dirs 136.707.207.168 bytes libres

C:\Users\Alvaro>
```

Creamos el contenedor apache y enlazamos.

```
C:\WINDOWS\system32\cmd. X + v

C:\Users\Alvaro>docker run -d -P --name apache-enlazado --mount type=bind,source=/c/Users/Alvaro/practical2,target=/app bitnami/apache
0dc0b3134367265cc2fb0e09894e50117cb99c258c69fef7d315cfd014b627ac

C:\Users\Alvaro>docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
0dc0b3134367   bitnami/apache "/opt/bitnami/script..." 21 seconds ago Up 20 seconds 0.0.0.0:32770->8080/tcp, 0.0.0.0:32771->8443/tcp  apache-enlazado

C:\Users\Alvaro>
```

Creamos un index.html dentro de la carpeta practica12.

```
File Edit Selection View Go Run Terminal Help
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More

index.html X
C:\Users\Alvaro> practica12 > index.html > html > body > h1
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Document</title>
7 </head>
8 <body>
9 | <h1>Hola, hello, bonjour</h1>
10 </body>
11 </html>
```

Creamos un contenedor nuevo y eliminamos el anterior.

```
C:\WINDOWS\system32\cmd. X + v

C:\Users\Alvaro>docker run -d -P --name apache-enlazado --mount type=bind,source=/c/Users/Alvaro/practica12,target=/app bitnami/apache
0dc0b3134367265cc2fb0e09894e50117cb99c258c69fef7d315cfd014b627ac

C:\Users\Alvaro>docker ps
CONTAINER ID   IMAGE          COMMAND                  NAMES                CREATED        STATUS        PORTS
0dc0b3134367   bitnami/apache "/opt/bitnami/script..." 21 seconds ago Up 20 seconds 0.0.0.0:32770->8080/tcp, 0.0.0.0:32771->8443/tcp  apache-enlazado

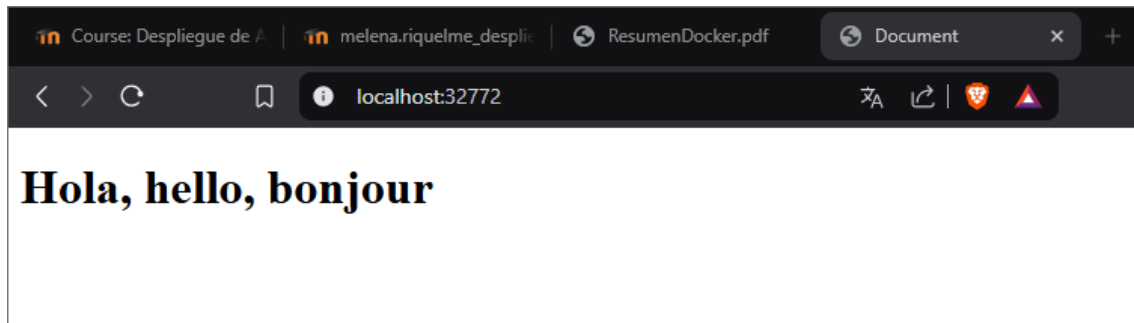
C:\Users\Alvaro>docker run -d -P --name apache-nuevo --mount type=bind,source=/c/Users/Alvaro/practica12,target=/app bitnami/apache
fe48ab291f02f66359fcdbeaf93efcba1c95d0773e5607a55292ba22114a63716

C:\Users\Alvaro>docker ps
CONTAINER ID   IMAGE          COMMAND                  NAMES                CREATED        STATUS        PORTS
fe48ab291f02   bitnami/apache "/opt/bitnami/script..." 8 seconds ago Up 7 seconds 0.0.0.0:32772->8080/tcp, 0.0.0.0:32773->8443/tcp  apache-nuevo
0dc0b3134367   bitnami/apache "/opt/bitnami/script..." 8 minutes ago Up 8 minutes 0.0.0.0:32770->8080/tcp, 0.0.0.0:32771->8443/tcp  apache-enlazado

C:\Users\Alvaro>docker rm -f apache-enlazado
apache-enlazado

C:\Users\Alvaro>
```

Comprobamos en el navegador.



Entramos en el modo terminal del contenedor y listamos.

```
C:\WINDOWS\system32\cmd. X + v
C:\Users\Alvaro>docker exec -it apache-nuevo /bin/bash
I have no name!@fe48ab291f02:/app$ ls -l
total 0
-rwxrwxrwx 1 root root 244 Feb 10 11:31 index.html
I have no name!@fe48ab291f02:/app$ ls
index.html
I have no name!@fe48ab291f02:/app$
```

2 maneras distintas de comprobar que /app enlaza a /opt/bitnami/apache/htdocs.

```
I have no name!@fe48ab291f02:/app$ cd /opt/bitnami/apache/htdocs
I have no name!@fe48ab291f02:/opt/bitnami/apache/htdocs$ ls
index.html
I have no name!@fe48ab291f02:/opt/bitnami/apache/htdocs$ cat index.html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Hola, hello, bonjour</h1>
</body>
</html>I have no name!@fe48ab291f02:/opt/bitnami/apache/htdocs$ cd ..
I have no name!@fe48ab291f02:/opt/bitnami/apache$ cd
I have no name!@fe48ab291f02:/ $ ls /app
index.html
I have no name!@fe48ab291f02:/ $ cat /app/index.html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Hola, hello, bonjour</h1>
</body>
</html>I have no name!@fe48ab291f02:/ $
```

- ➔ Decir que no he hecho captura del navegador con el primer container ya que me mostraba it Works!. Y según el enunciado debe de mostrar una página de error.