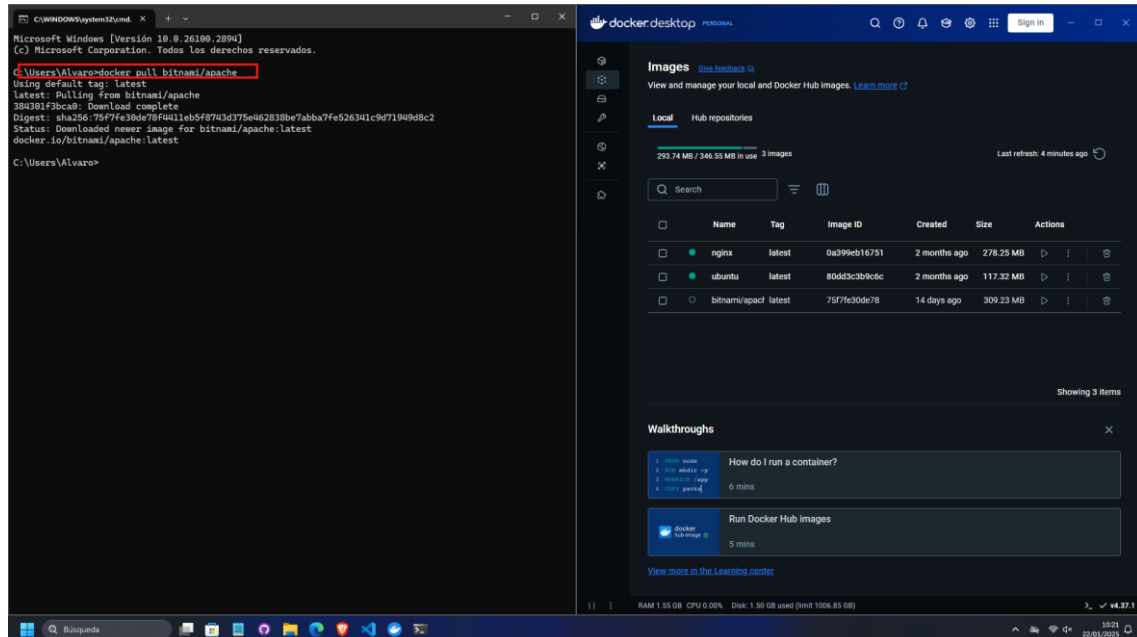
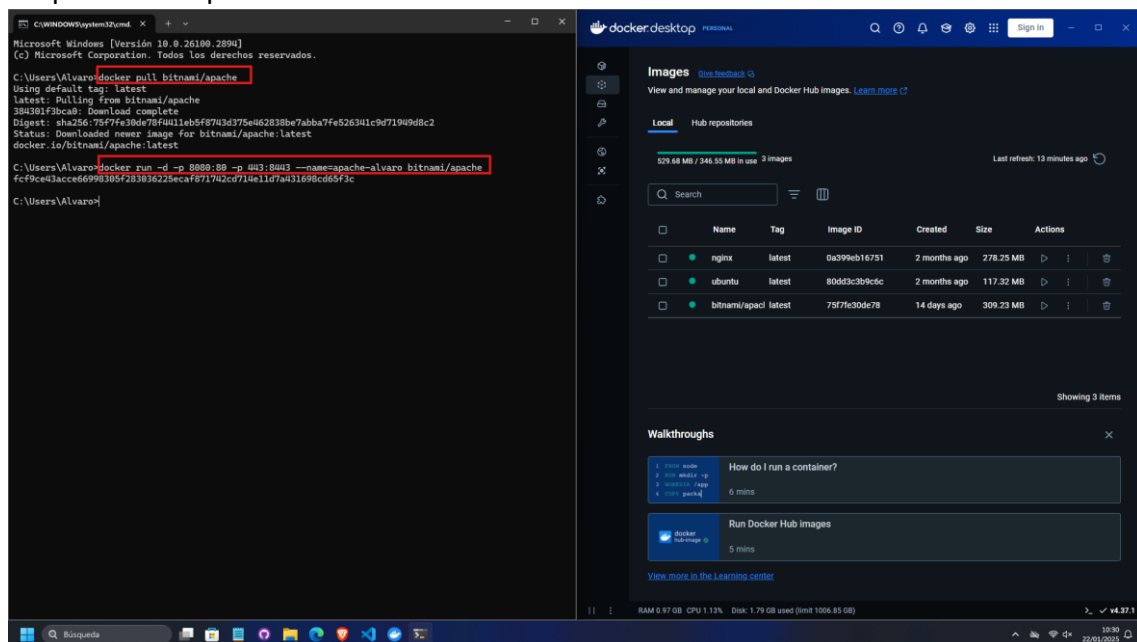


# ÁLVARO JOAQUÍN ALBARRACÍN SALINAS. 2ºDAW.

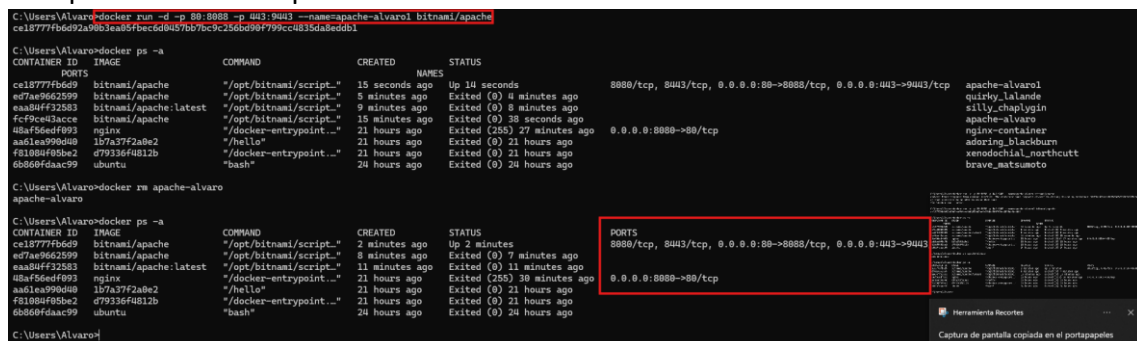
Creamos el contenedor apache.



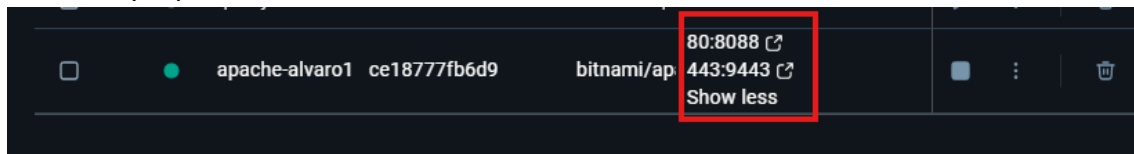
Mapeamos los puertos de manera manual.



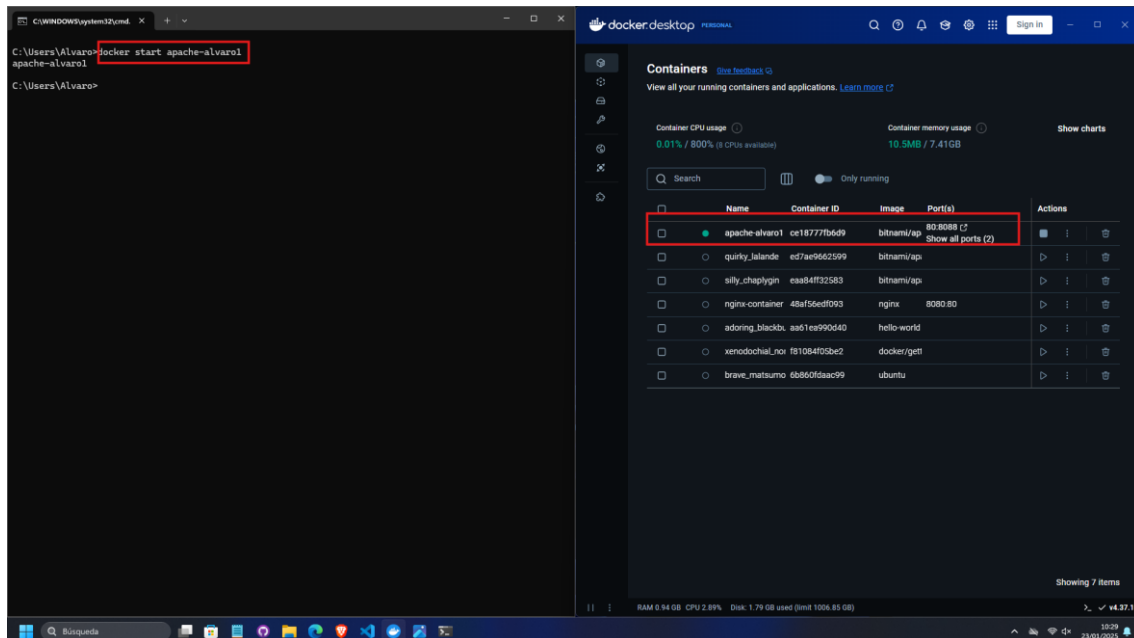
Comprobación de los puertos en la terminal.



Comprobación de los puertos en la aplicación de Docker Desktop. No podemos ver si funciona ya que daba error, como vio Elena en clase.



Arrancamos el contenedor.



Arrancamos la terminal virtual del contenedor y buscamos el index.html.

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

C:\Users\Alvaro>docker exec -it apache-alvaro1 /bin/bash
I have no name!@ce18777fb6d9:/app$ cd ..
I have no name!@ce18777fb6d9:/# ls
app boot etc lib media opt root sbin sys usr
bin dev home lib64 mnt proc run srv tmp var
I have no name!@ce18777fb6d9:/# find / -name "index.html" 2>/dev/null
/opt/bitnami/apache/manual/index.html
/opt/bitnami/apache/manual/faq/index.html
/opt/bitnami/apache/manual/misc/index.html
/opt/bitnami/apache/manual/vhosts/index.html
/opt/bitnami/apache/manual/howto/index.html
/opt/bitnami/apache/manual/ssl/index.html
/opt/bitnami/apache/manual/programs/index.html
/opt/bitnami/apache/manual/developer/index.html
/opt/bitnami/apache/manual/rewrite/index.html
/opt/bitnami/apache/manual/platform/index.html
/opt/bitnami/apache/manual/mod/index.html
/opt/bitnami/apache/htdocs/index.html
I have no name!@ce18777fb6d9:/#
```

```
C:\Users\Alvaro>docker exec -it apache-alvaro1 /bin/bash
I have no name!@ce18777fb6d9:/app$ cd ..
I have no name!@ce18777fb6d9:/# ls
app boot etc lib media opt root sbin sys usr
bin dev home lib64 mnt proc run srv tmp var
I have no name!@ce18777fb6d9:/# find / -name "index.html" 2>/dev/null
/opt/bitnami/apache/manual/index.html
/opt/bitnami/apache/manual/faq/index.html
/opt/bitnami/apache/manual/misc/index.html
/opt/bitnami/apache/manual/vhosts/index.html
/opt/bitnami/apache/manual/howto/index.html
/opt/bitnami/apache/manual/ssl/index.html
/opt/bitnami/apache/manual/programs/index.html
/opt/bitnami/apache/manual/developer/index.html
/opt/bitnami/apache/manual/rewrite/index.html
/opt/bitnami/apache/manual/platform/index.html
/opt/bitnami/apache/manual/mod/index.html
/opt/bitnami/apache/htdocs/index.html
I have no name!@ce18777fb6d9:/# cd /opt/bitnami/apache
I have no name!@ce18777fb6d9:/opt/bitnami/apache$ ls
bin build-1 conf.default htdocs include licenses manual var
build conf error icons lib logs modules
I have no name!@ce18777fb6d9:/opt/bitnami/apache$ cd manual/
```

Vemos los archivos index.html disponibles.

```
I have no name!@cce18777fb6d9:/opt/bitnami/apache/manual$ cat index.html
# GENERATED FROM XML -- DO NOT EDIT

URI: index.html.da
Content-Language: da
Content-type: text/html; charset=ISO-8859-1

URI: index.html.de
Content-Language: de
Content-type: text/html; charset=ISO-8859-1

URI: index.html.en
Content-Language: en
Content-type: text/html; charset=UTF-8

URI: index.html.es
Content-Language: es
Content-type: text/html; charset=ISO-8859-1

URI: index.html.fr.utf8
Content-Language: fr
Content-type: text/html; charset=UTF-8

URI: index.html.ja.utf8
Content-Language: ja
Content-type: text/html; charset=UTF-8

URI: index.html.ko.euc-kr
Content-Language: ko
Content-type: text/html; charset=EUC-KR

URI: index.html.pt-br
Content-Language: pt-br
Content-type: text/html; charset=ISO-8859-1

URI: index.html.ru.utf8
Content-Language: ru
Content-type: text/html; charset=UTF-8

URI: index.html.tr.utf8
Content-Language: tr
Content-type: text/html; charset=UTF-8

URI: index.html.zh-cn.utf8
Content-Language: zh-cn
Content-type: text/html; charset=UTF-8
```

Elegimos el `index.html.es`, con `lang=es`.

```

C:\WINDOWS\system32\cmd. X + v
I have no name!@ce18777fb6d9:/opt/bitnami/apache/manual$ cat index.html.es
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" lang="es" xml:lang="es"><head>
<meta content="text/html; charset=ISO-8859-1" http-equiv="Content-Type" />
<!--
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      This file is generated from xml source: DO NOT EDIT
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
-->
<title>Apache HTTP Server Versi&#243;n 2.4
Documentaci&#243;n - Servidor HTTP Apache Versi&#243;n 2.4</title>
<link href="/.style/css/manual.css" rel="stylesheet" media="all" type="text/css" title="Main stylesheet" />
<link href="/.style/css/manual-loose-100pc.css" rel="alternate stylesheet" media="all" type="text/css" title="No Sidebar - Default font size" />
<link href="/.style/css/manual-print.css" rel="stylesheet" media="print" type="text/css" /><link rel="stylesheet" type="text/css" href="/.style/css/prettify.css" />
<script src="/.style/scripts/prettify.min.js" type="text/javascript">
</script>

<link href="/images/favicon.ico" rel="shortcut icon" /></head>
<body id="index-page">
<div id="page-header">
<p class="menu"><a href="/mod/">M&#243;dulos</a> | <a href="/mod/directives.html">Directivas</a> | <a href="http://wiki.apache.org/httpd/FAQ">Preguntas Frecuentes</a> | <a href="/glossary.html">Glosario</a> | <a href="/sitemap.html">Mapa del sitio web</a></p>
<p class="apache">Versi&#243;n 2.4 del Servidor HTTP Apache</p>
</div>
<div class="up"><a href="http://httpd.apache.org/docs-project/"></a></div>
<div id="path">
<a href="http://www.apache.org/">Apache</a> &gt; <a href="http://httpd.apache.org/">Servidor HTTP</a> &gt; <a href="http://httpd.apache.org/docs/">Documentaci&#243;n</a></div>
<div id="page-content"><h1>Apache HTTP Server Versi&#243;n 2.4
Documentaci&#243;n</h1>
<div class="toplang">
<p><span>Idiomas disponibles: </span><a href="/da/" hreflang="da" rel="alternate" title="Dansk">&nbsp;da&nbsp;</a> |
<a href="/de/" hreflang="de" rel="alternate" title="Deutsch">&nbsp;de&nbsp;</a> |
<a href="/en/" hreflang="en" rel="alternate" title="English">&nbsp;en&nbsp;</a> |
<a href="/es/" title="Espa&#241;ol">&nbsp;es&nbsp;</a> |
<a href="/fr/" hreflang="fr" rel="alternate" title="Fran&#231;ais">&nbsp;fr&nbsp;</a> |
<a href="/ja/" hreflang="ja" rel="alternate" title="Japanese">&nbsp;ja&nbsp;</a> |
<a href="/ko/" hreflang="ko" rel="alternate" title="Korean">&nbsp;ko&nbsp;</a> |
<a href="/pt-br/" hreflang="pt-br" rel="alternate" title="Portugu&#234;s (Brasil)">&nbsp;pt-br&nbsp;</a> |
<a href="/ru/" hreflang="ru" rel="alternate" title="Russian">&nbsp;ru&nbsp;</a> |
<a href="/tr/" hreflang="tr" rel="alternate" title="T&#252;r&#231;e">&nbsp;tr&nbsp;</a> |
<a href="/zh-cn/" hreflang="zh-cn" rel="alternate" title="Simplified Chinese">&nbsp;zh-cn&nbsp;</a></p>

```

Una vez sabemos que fichero vamos a copiar, salimos de la terminal virtual con exit.

```
o</a> | <a href="./sitemap.html">Mapa del sitio web</a></p></div><script type="text/
--><![CDATA[//><!--
if (typeof(prettyPrint) !== 'undefined') {
    prettyPrint();
}
//--><![]]></script>
</body></html>I have no name!@ce18777fb6d9:/opt/bitnami/apache/manual$ exit|
```

Creamos un index.html en nuestra máquina local, también copiamos el index en nuestro contenedor.

```
C:\WINDOWS\system32\cmd. X + v
C:\Users\Alvaro>echo. > index.html

C:\Users\Alvaro>docker cp index.html.es apache-alvaro1:/opt/bitnami/apache/manual/index.html.es
CreateFile C:\Users\Alvaro\index.html.es: El sistema no puede encontrar el archivo especificado.

C:\Users\Alvaro>docker cp index.html apache-alvaro1:/opt/bitnami/apache/manual/index.html.es
Successfully copied 2.05kB to apache-alvaro1:/opt/bitnami/apache/manual/index.html.es

C:\Users\Alvaro>
```

No va, supongo que porque no encuentra el puerto, al igual que pasaba más arriba.

