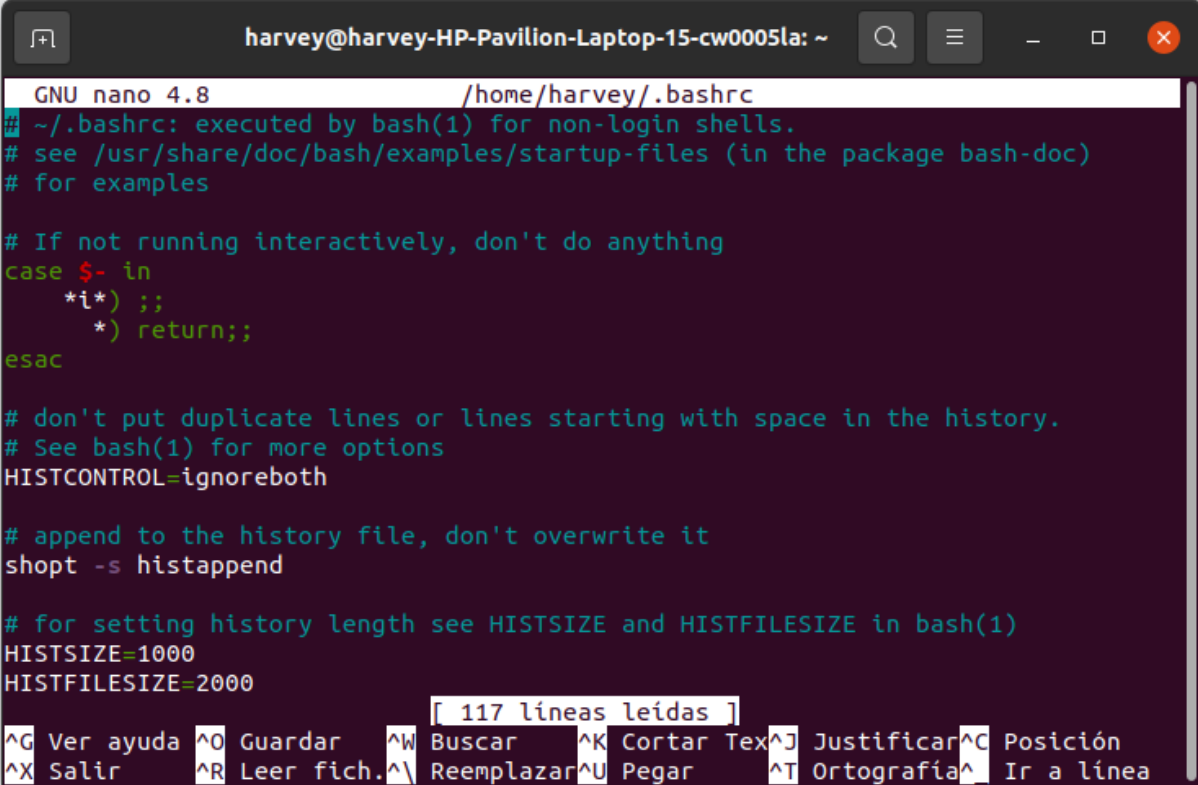


Taller:

Realice los siguientes pasos y adjunte las evidencias en un documento word.

1. Guardar variable de entorno de sistema para –format:

nano ~/.bashrc



```
harvey@harvey-HP-Pavilion-Laptop-15-cw0005la: ~
GNU nano 4.8 /home/harvey/.bashrc
# ~/.bashrc: executed by bash(1) for non-login shells.
# see /usr/share/doc/bash/examples/startup-files (in the package bash-doc)
# for examples

# If not running interactively, don't do anything
case $- in
  *i*) ;;
  *) return;;
esac

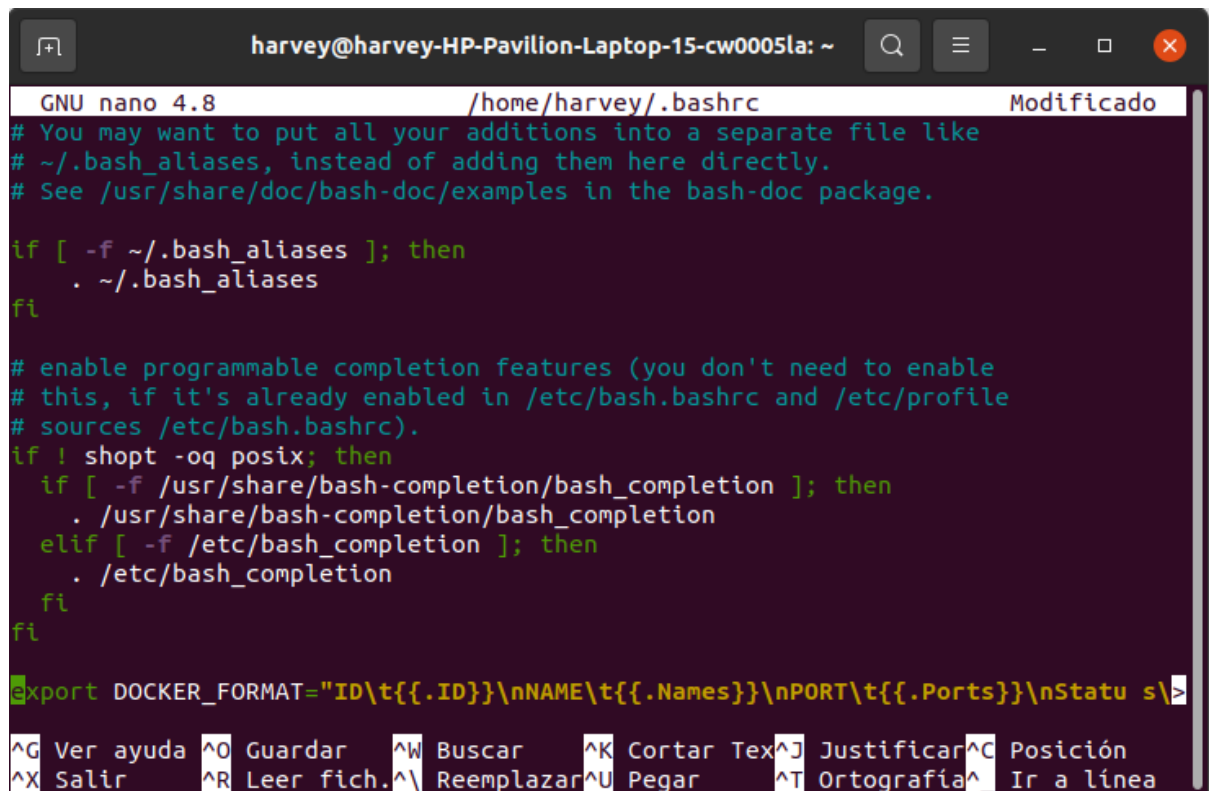
# don't put duplicate lines or lines starting with space in the history.
# See bash(1) for more options
HISTCONTROL=ignoreboth

# append to the history file, don't overwrite it
shopt -s histappend

# for setting history length see HISTSIZE and HISTFILESIZE in bash(1)
HISTSIZE=1000
HISTFILESIZE=2000

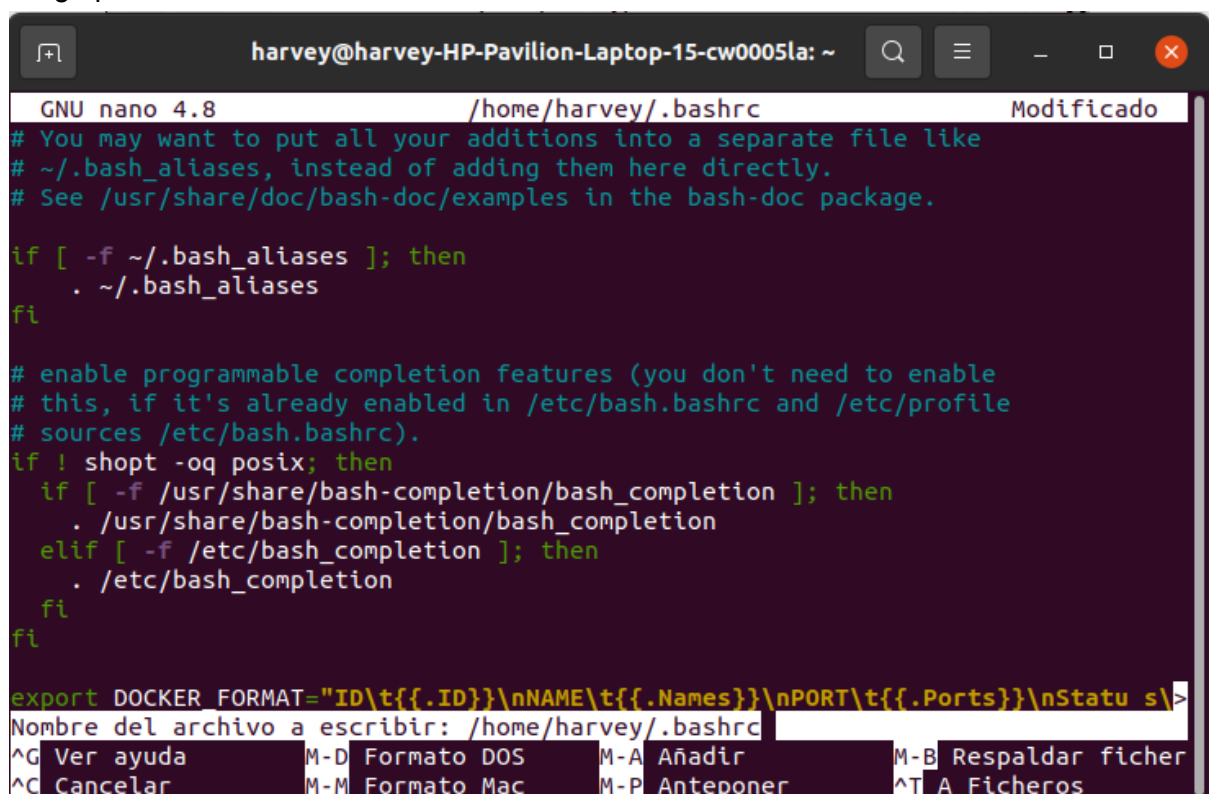
[ 117 líneas leídas ]
^G Ver ayuda  ^O Guardar    ^W Buscar     ^K Cortar Tex ^J Justificar  ^C Posición
^X Salir      ^R Leer fich. ^\ Reemplazar  ^U Pegar      ^T Ortografía ^_ Ir a línea
```

Dirigirse a la sección final del documento y agregar la variable de entorno: export DOCKER_FORMAT="ID\t{{.ID}}\nNAME\t{{.Names}}\nPORT\t{{.Ports}}\nStatus\t{{.Status}}\nCOMMAND\t{{.Command}}\nCREATED\t{{.CreatedAt}}\nSize\t{{.Size}}\n"



```
harvey@harvey-HP-Pavilion-Laptop-15-cw0005la: ~  
GNU nano 4.8 /home/harvey/.bashrc Modificado  
# You may want to put all your additions into a separate file like  
# ~/.bash_aliases, instead of adding them here directly.  
# See /usr/share/doc/bash-doc/examples in the bash-doc package.  
  
if [ -f ~/.bash_aliases ]; then  
    . ~/.bash_aliases  
fi  
  
# enable programmable completion features (you don't need to enable  
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile  
# sources /etc/bash.bashrc).  
if ! shopt -oq posix; then  
    if [ -f /usr/share/bash-completion/bash_completion ]; then  
        . /usr/share/bash-completion/bash_completion  
    elif [ -f /etc/bash_completion ]; then  
        . /etc/bash_completion  
    fi  
fi  
  
export DOCKER_FORMAT="ID\t{.ID}}\nNAME\t{.Names}}\nPORT\t{.Ports}}\nStatu s\  
  
^G Ver ayuda ^O Guardar ^W Buscar ^K Cortar Tex ^J Justificar ^C Posición  
^X Salir ^R Leer fich. ^\ Reemplazar ^U Pegar ^T Ortografía ^ Ir a línea
```

Luego presionamos control + o



```
harvey@harvey-HP-Pavilion-Laptop-15-cw0005la: ~  
GNU nano 4.8 /home/harvey/.bashrc Modificado  
# You may want to put all your additions into a separate file like  
# ~/.bash_aliases, instead of adding them here directly.  
# See /usr/share/doc/bash-doc/examples in the bash-doc package.  
  
if [ -f ~/.bash_aliases ]; then  
    . ~/.bash_aliases  
fi  
  
# enable programmable completion features (you don't need to enable  
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile  
# sources /etc/bash.bashrc).  
if ! shopt -oq posix; then  
    if [ -f /usr/share/bash-completion/bash_completion ]; then  
        . /usr/share/bash-completion/bash_completion  
    elif [ -f /etc/bash_completion ]; then  
        . /etc/bash_completion  
    fi  
fi  
  
export DOCKER_FORMAT="ID\t{.ID}}\nNAME\t{.Names}}\nPORT\t{.Ports}}\nStatu s\  
Nombre del archivo a escribir: /home/harvey/.bashrc  
^G Ver ayuda M-D Formato DOS M-A Añadir M-B Respalda ficher  
^C Cancelar M-M Formato Mac M-P Anteponer ^T A Ficheros
```

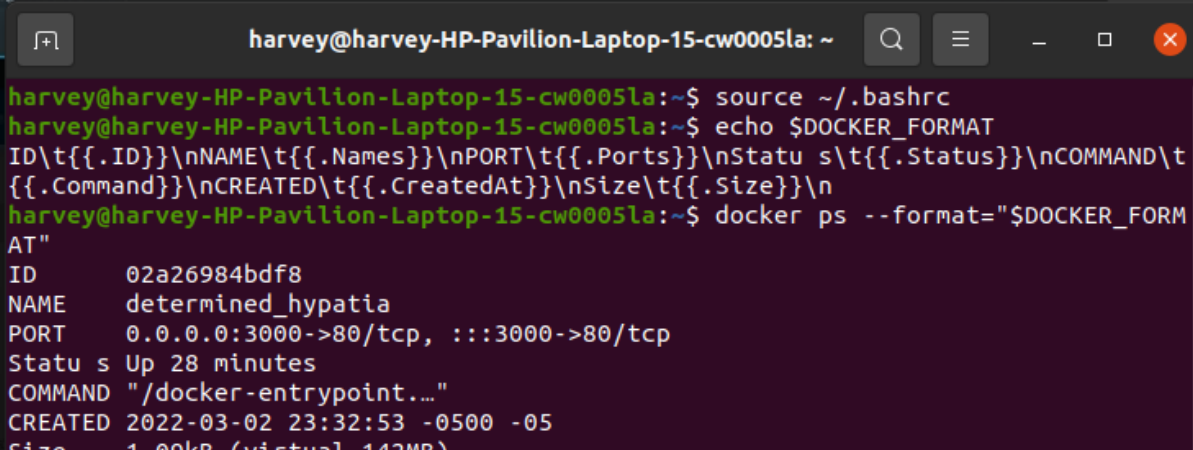
Luego la tecla enter

Luego control + x para salir del archivo

Cargamos el archivo con: `source ~/.bashrc`, imprimimos con el comando `echo` la variable de entorno y ejecutamos el comando `docker ps --format="$DOCKER_FORMAT"`.

```
harvey@harvey-HP-Pavilion-Laptop-15-cw0005la:~$ docker run -d -p 1000:80 --name
servershttp httpd
f6fc8baddf47b9cbd0567238cbb702be2bda7e429ba9c169d2192bcf731f8c60
harvey@harvey-HP-Pavilion-Laptop-15-cw0005la:~$ docker ps --format="$DOCKER_FORM
AT"
ID          f6fc8baddf47
NAME        servershttp
PORT        0.0.0.0:1000->80/tcp, :::1000->80/tcp
Status      Up 3 seconds
COMMAND     "httpd-foreground"
CREATED     2022-03-03 00:02:17 -0500 -05
Size        2B (virtual 144MB)

ID          02a26984bdf8
NAME        determined_hypatia
PORT        0.0.0.0:3000->80/tcp, :::3000->80/tcp
Status      Up 29 minutes
COMMAND     "/docker-entrypoint...."
CREATED     2022-03-02 23:32:53 -0500 -05
Size        1.09kB (virtual 142MB)
```



```
harvey@harvey-HP-Pavilion-Laptop-15-cw0005la: ~
harvey@harvey-HP-Pavilion-Laptop-15-cw0005la:~$ source ~/.bashrc
harvey@harvey-HP-Pavilion-Laptop-15-cw0005la:~$ echo $DOCKER_FORMAT
ID\t{.ID}\nNAME\t{.Names}\nPORT\t{.Ports}\nStatus\t{.Status}\nCOMMAND\t
{.Command}\nCREATED\t{.CreatedAt}\nSize\t{.Size}\n
harvey@harvey-HP-Pavilion-Laptop-15-cw0005la:~$ docker ps --format="$DOCKER_FORM
AT"
ID          02a26984bdf8
NAME        determined_hypatia
PORT        0.0.0.0:3000->80/tcp, :::3000->80/tcp
Status      Up 28 minutes
COMMAND     "/docker-entrypoint...."
CREATED     2022-03-02 23:32:53 -0500 -05
Size        1.09kB (virtual 142MB)
```

2. Operaciones con imágenes

Recuerda que el id utilizado en el quinto comando debe corresponder al que tengas en tu pantalla.

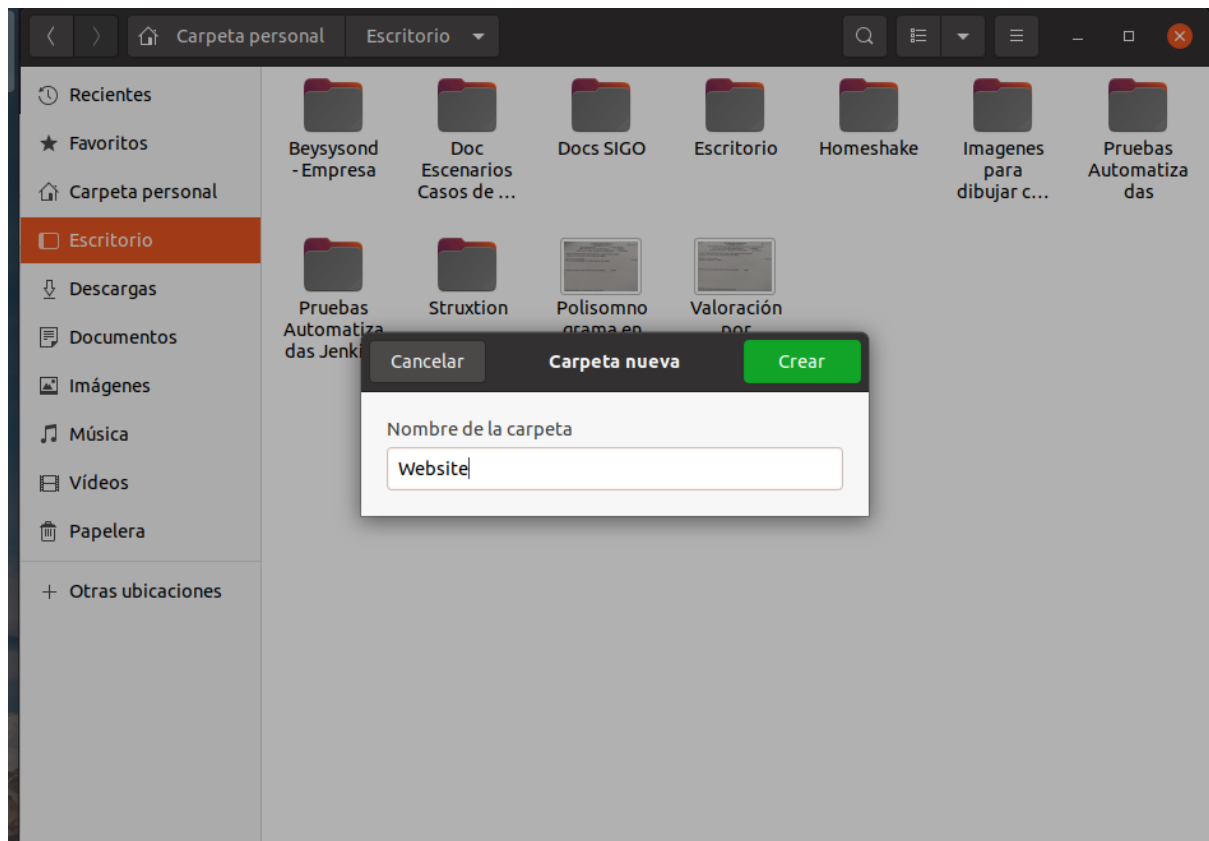
```
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
ubuntu latest 54c9d81cbb44 4 weeks ago 72.8MB
mysql latest d1dc36cf8d9e 5 weeks ago 519MB
nginx latest c316d5a335a5 5 weeks ago 142MB
httpd latest a8ea074f4566 5 weeks ago 144MB
hello-world latest feb5d9fea6a5 5 months ago 13.3KB
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker rmi mysql
Error response from daemon: conflict: unable to remove repository reference "mysql" (must force) - container 4f478ccf41a2 is using its referenced image d1dc36cf8d9e
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker rmi mysql -f
Untagged: mysql:latest
Deleted: sha256:92d27b8222bbcf53bc42c70ca7cd1010d6c0527efc61f4980ce77c50932bef4
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
ubuntu latest 54c9d81cbb44 4 weeks ago 72.8MB
nginx latest c316d5a335a5 5 weeks ago 142MB
httpd latest a8ea074f4566 5 weeks ago 144MB
hello-world latest feb5d9fea6a5 5 months ago 13.3KB
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker rmi feb
Untagged: hello-world:latest
Deleted: sha256:feb5d9fea6a5e9606aa995e879d862b825965ba48de054caab5ef356dc0b3412
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
ubuntu latest 54c9d81cbb44 4 weeks ago 72.8MB
nginx latest c316d5a335a5 5 weeks ago 142MB
httpd latest a8ea074f4566 5 weeks ago 144MB
```

```
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker images -aq
54c9d81cbb44
c316d5a335a5
a8ea074f4566
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker rmi $(docker images -aq)
Untagged: ubuntu:latest
Deleted: sha256:54c9d81cbb440897908abdca98074db8344636c300170cf7211e40a66f704f
Deleted: sha256:36ffdc6b477bf34325fb695e4e4a47f688797f2f1e3af224c29593310578d2
Error response from daemon: conflict: unable to delete c316d5a335a5 (cannot be forced) - image is being used by running container 02a26984bdf8
Error response from daemon: conflict: unable to delete a8ea074f4566 (cannot be forced) - image is being used by running container f0fc8baddf47
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
f0fc8baddf47 httpd "httpd -foreground" 9 minutes ago Up 9 minutes 0.0.0.0:1000->80/tcp, :::1000->80/tcp servershttp
02a26984bdf8 nginx "/docker-entrypoint. ..." 38 minutes ago Up 38 minutes 0.0.0.0:3000->80/tcp, :::3000->80/tcp determined_hypatia
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker ps -a
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
f0fc8baddf47 httpd "httpd -foreground" 9 minutes ago Up 9 minutes 0.0.0.0:1000->80/tcp, :::1000->80/tcp servershttp
f3089d38db78 nginx "/docker-entrypoint. ..." 11 minutes ago Created serversst
12ac14f78a55 nginx "/docker-entrypoint. ..." 12 minutes ago Created servers
02a26984bdf8 nginx "/docker-entrypoint. ..." 39 minutes ago Up 39 minutes 0.0.0.0:3000->80/tcp, :::3000->80/tcp determined_hypatia
4f478ccf41a2 d1dc36cf8d9e "docker-entrypoint.s ..." 47 minutes ago Exited (1) 47 minutes ago nydatabase
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker rm $(docker ps -aq) -f
f0fc8baddf47
f3089d38db78
12ac14f78a55
02a26984bdf8
4f478ccf41a2
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker ps -a
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker rmi $(docker images -aq)
Untagged: nginx:latest
Deleted: sha256:c316d5a335a5cf324b0dc83b3da82d7608724769f6454f6d9a621f3ec534a5a
Deleted: sha256:67e508e96593c33b4a15c9d81dc6f76499b8d973b88eb49b53d47bf4dbf4d187
Deleted: sha256:0f8d4e3d979c540644f24b4206cf540978160b095223bdc950628dca2e8f3f1
Deleted: sha256:5d73bf68142247e4959b278a1590d126613761d1d350806de13bc8f365202
Deleted: sha256:82849e28c625b282e6fdd5106ea1ff77f10881a4a2afe1ef58a5eb51d3f919e
Deleted: sha256:89a1db9e1079b7574c1a707bcbcf1e04ff7723bc71d4bca8bc48653e9a32186d2
Untagged: httpd:latest
Deleted: sha256:a8ea074f4566addcd01f9745397f32be471df44a4bf200f0f10c805ed14b1d28
Deleted: sha256:55e1ffaabf04d27145caf5f16ed0bee1ec5b360e63e10d666de4bccc39491
Deleted: sha256:41f60f8d726039e0e12602597510ccfaa1ec5b282c9c172aa9b4c732d8083
Deleted: sha256:d0ac66540a1d69e7043e3e08c72b44efc15c0d774785c0b0f08b0c0a34a05b
Deleted: sha256:d795bedc12ed466c75d26c1f478b2d13e014eb47af9b5e53fd3d47c0e75fd
Deleted: sha256:7d0ebbe3f5d26c1b5ec4d5dbb0fe3205d7061f9735080b0162d550530328abdo
harvey@harvey-HP-Pavilion-Laptop-15-cw00051a:~$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
```

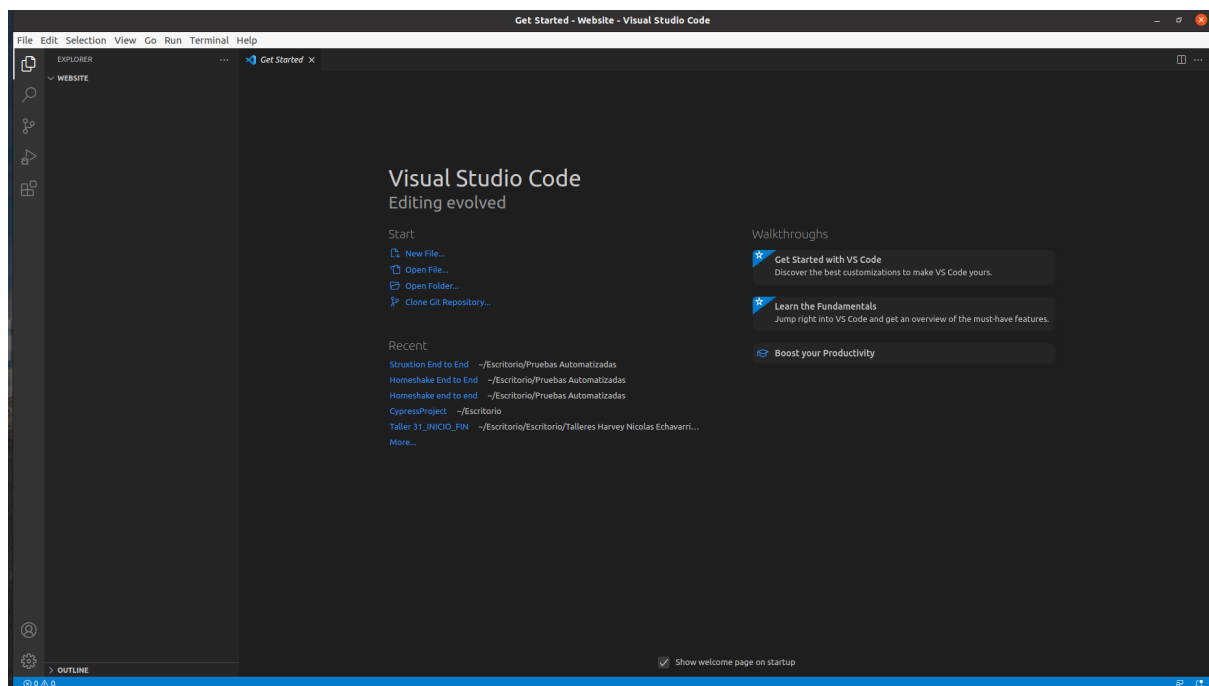
3. Copiar archivos de nuestro equipo hasta nuestro contenedor, aunque también puedo copiar archivos de nuestro contenedor a nuestro equipo y de contenedor a contenedor.

-v (volumes) => Permite copiar archivos desde una dirección dentro de un contenedor.

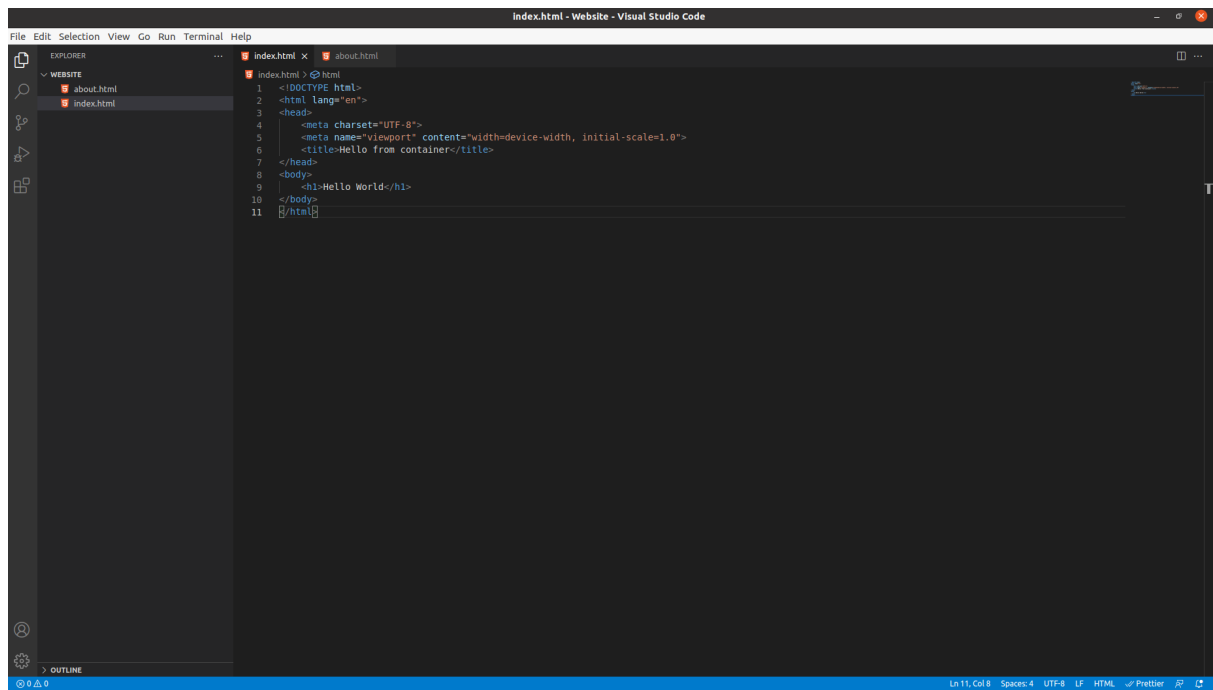
a) Crear un proyecto, en este caso se llamará website



b) Abrimos la carpeta con un editor de código, en este caso con visual studio code



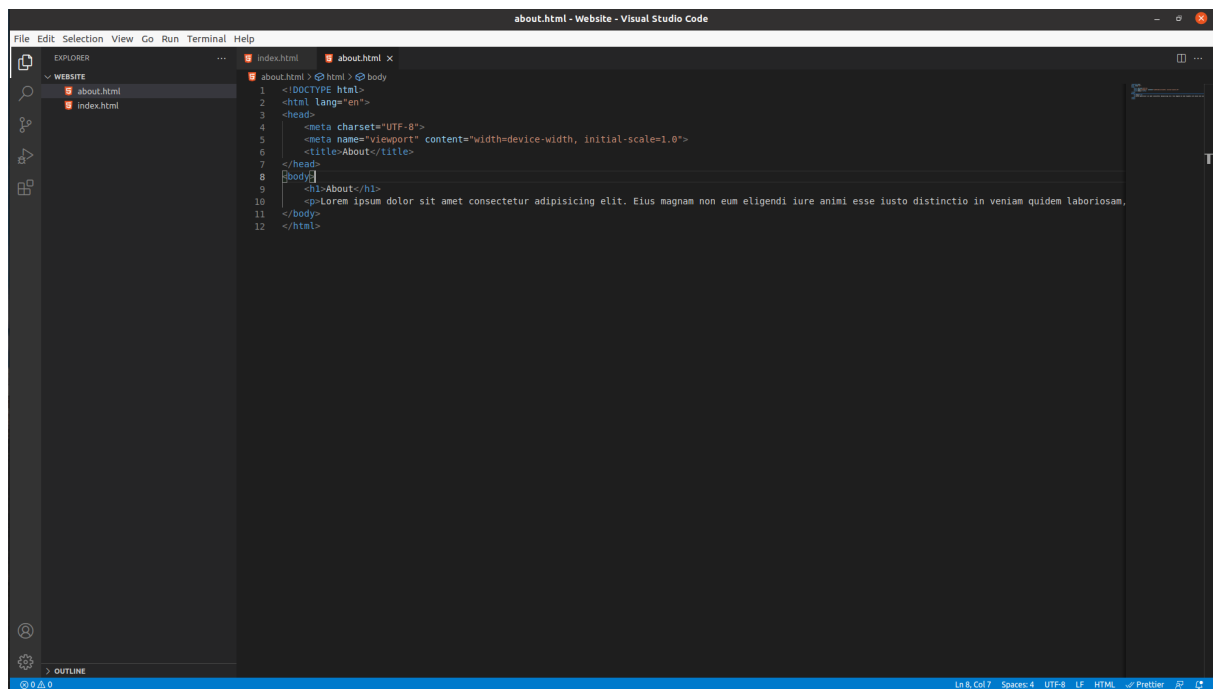
c) Dentro del proyecto creamos dos archivos html con los nombres de index y about, agregando en cada uno de ellos lo siguiente:



The screenshot shows the Visual Studio Code interface with a project named "index.html - Website". The Explorer sidebar on the left shows a folder named "WEBSITE" containing two files: "about.html" and "index.html". The "index.html" file is selected and its content is displayed in the main editor. The code is as follows:

```
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>Hello from container</title>
7 </head>
8 <body>
9   <h1>Hello World</h1>
10 </body>
11 </html>
```

The status bar at the bottom indicates the cursor is at line 11, column 8, in a UTF-8 file with LF line endings, using the HTML language and the Prettier formatter.

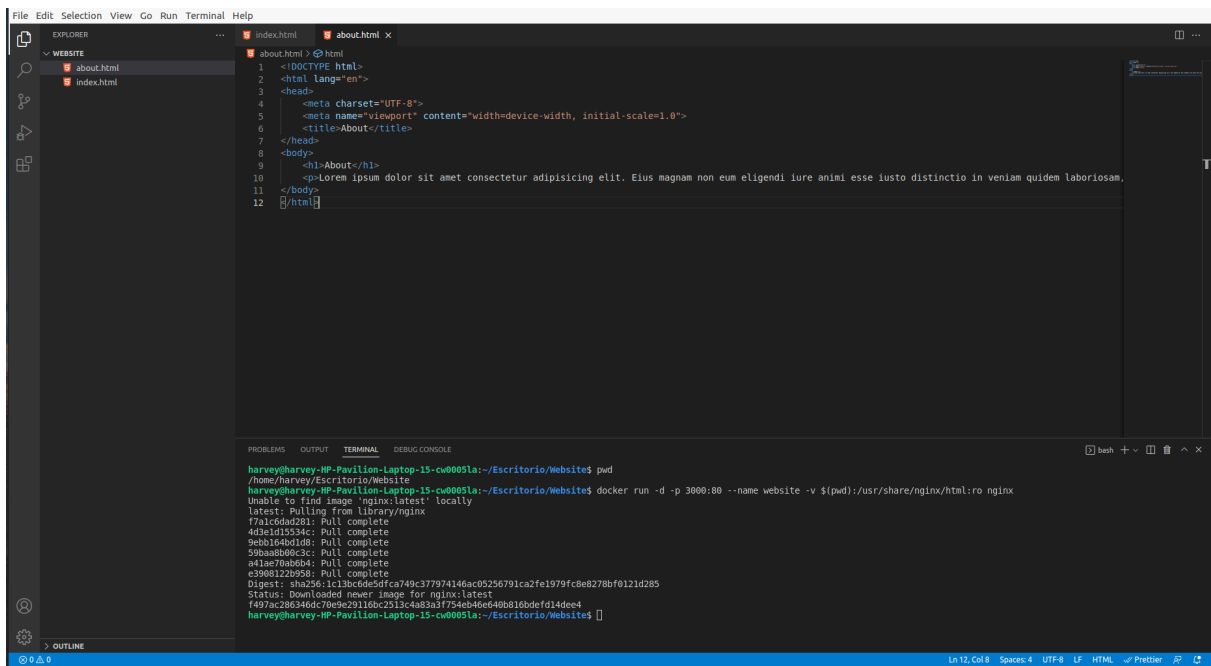
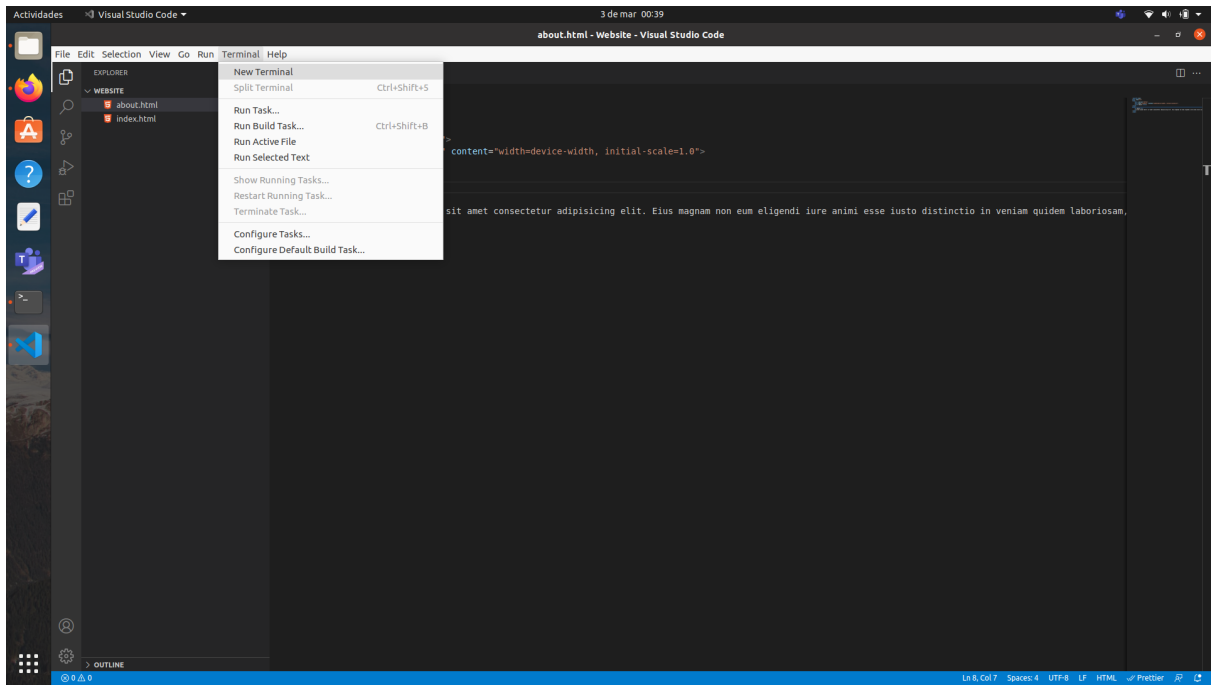


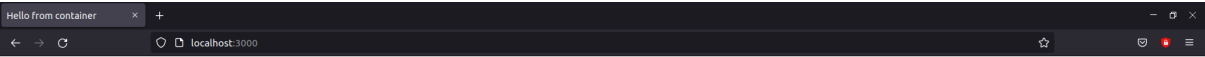
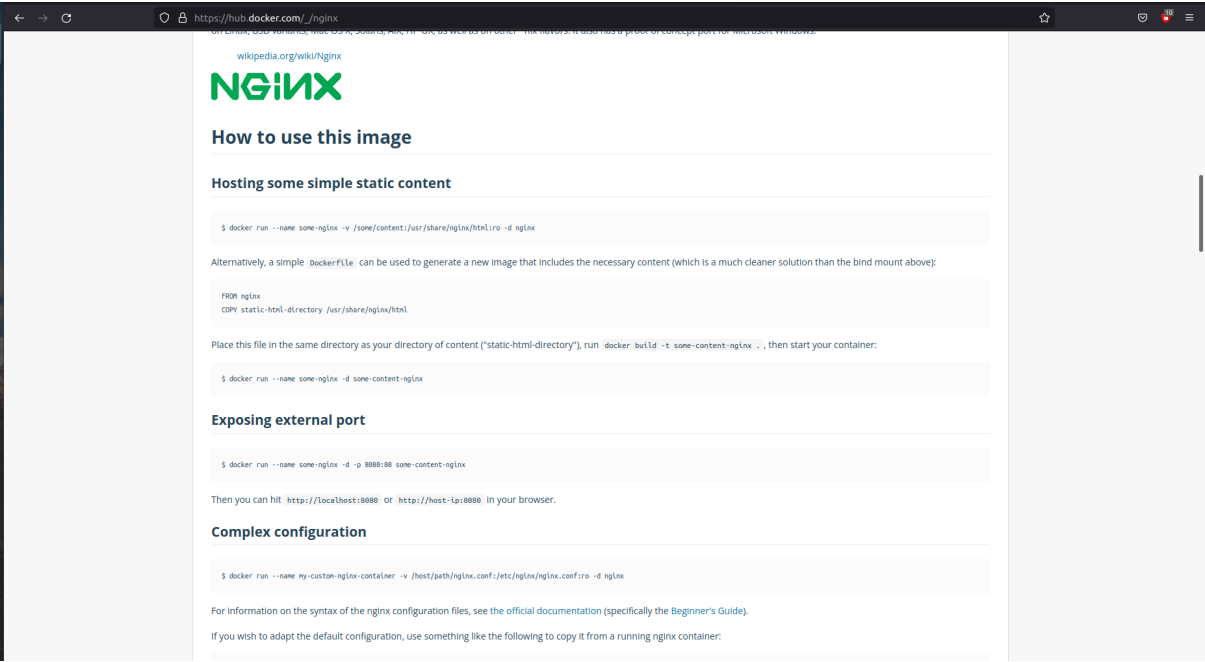
The screenshot shows the Visual Studio Code interface with a project named "about.html - Website". The Explorer sidebar on the left shows a folder named "WEBSITE" containing two files: "about.html" and "index.html". The "about.html" file is selected and its content is displayed in the main editor. The code is as follows:

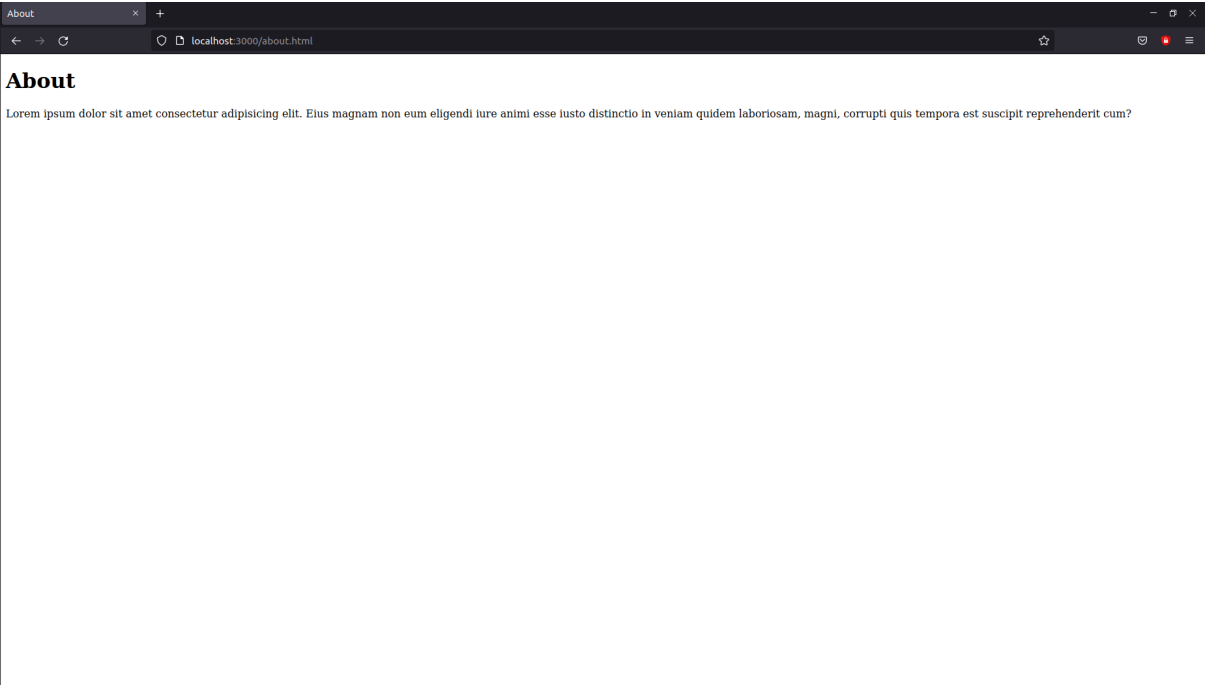
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>About</title>
7 </head>
8 <body>
9   <h1>About</h1>
10   <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Eius magnam non eum eligendi iure animi esse iusto distinctio in veniam quidem laboriosam,
11 </body>
12 </html>
```

The status bar at the bottom indicates the cursor is at line 8, column 7, in a UTF-8 file with LF line endings, using the HTML language and the Prettier formatter.

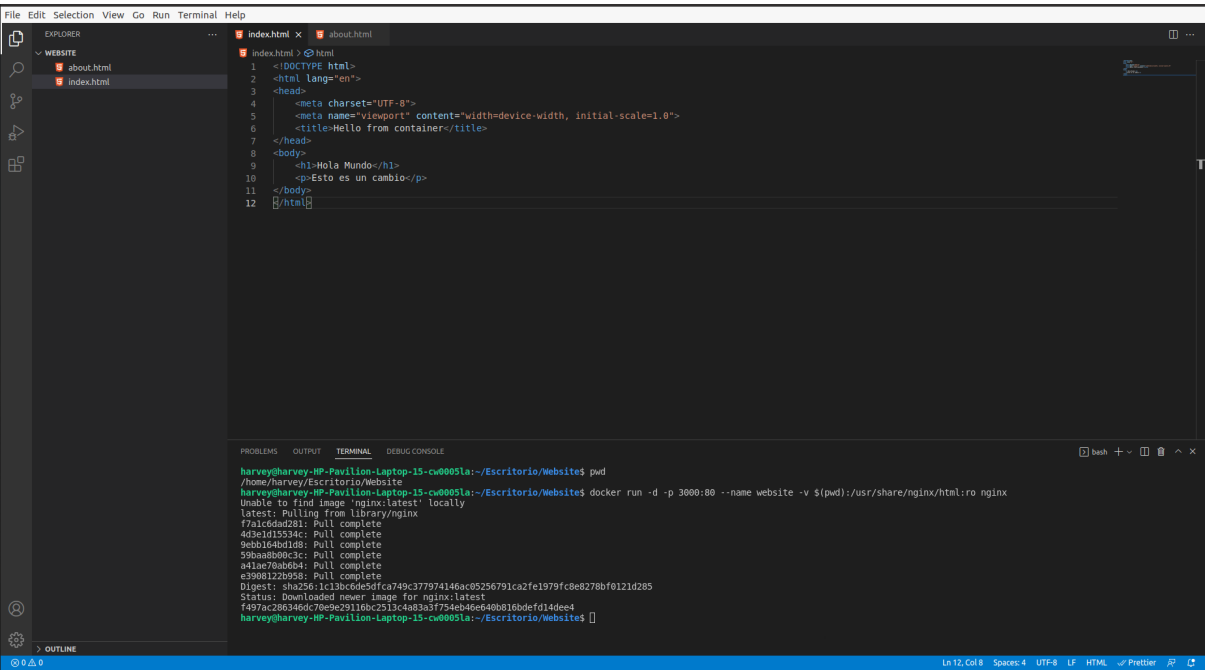
d) Para colocar nuestro proyecto en un servidor web:







Para actualizar el contenido basta con realizar y guardar los cambios:





Hola Mundo

Esto es un cambio

Ejecutamos el comando clear

