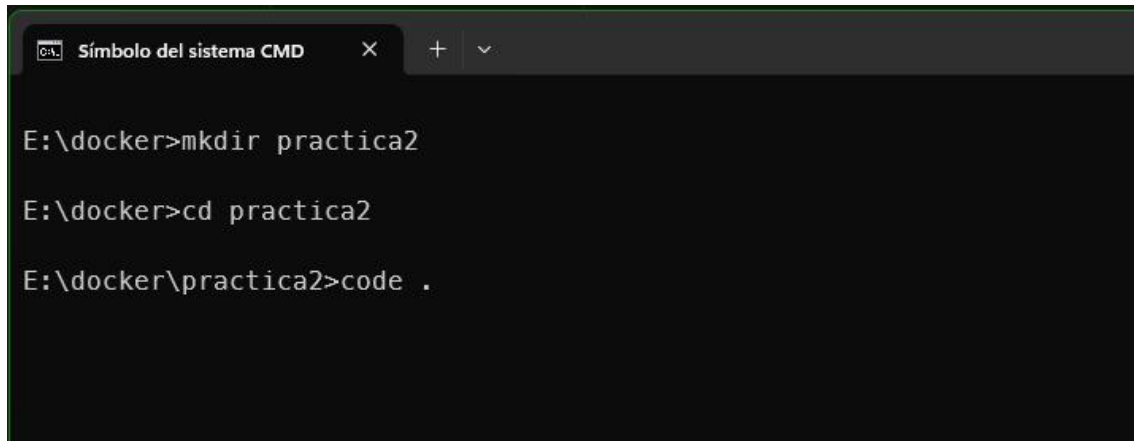


PRACTICA N°2

Nombre Completo: José Demetrio Uño Mamanillo

Link: <https://hub.docker.com/u/aijose34>

1: Creamos el proyecto.



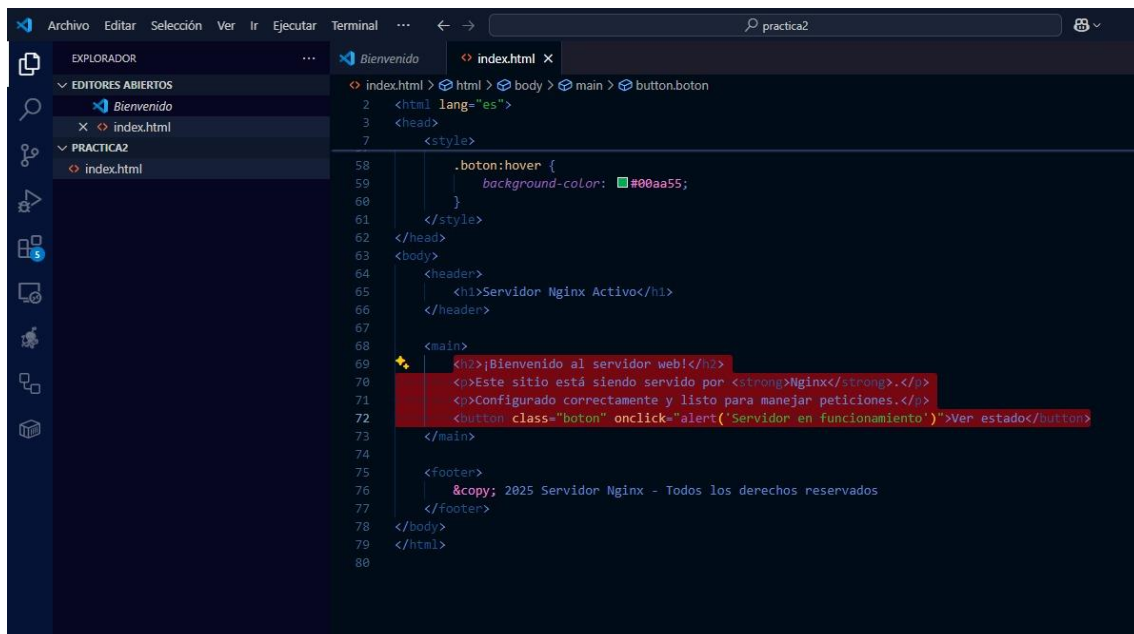
```
Símbolo del sistema CMD X + v

E:\docker>mkdir practica2

E:\docker>cd practica2

E:\docker\practica2>code .
```

2: index.html.

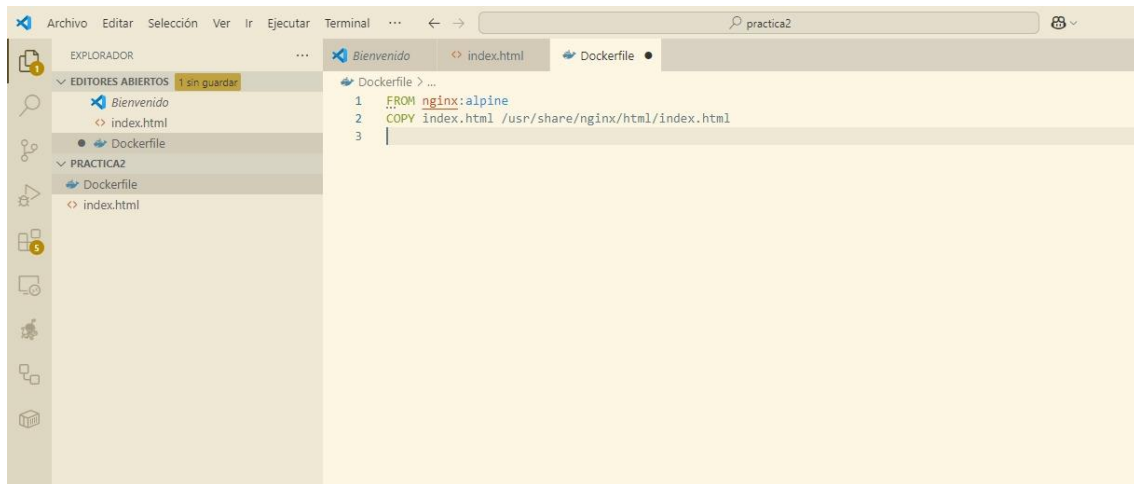


```
Archivo  Editar  Selección  Ver  Ir  Ejecutar  Terminal  ...  practica2

EXPLORADOR
  EDITORES ABIERTOS
    Bienvenido
    index.html
  PRACTICA2
    index.html

index.html > html > body > main > button.boton
2  <html lang="es">
3  <head>
7  <style>
58  .boton:hover {
59      background-color: #00aa55;
60  }
61  </style>
62  </head>
63  <body>
64      <header>
65          <h1>Servidor Nginx Activo</h1>
66      </header>
67
68      <main>
69          <h2>¡Bienvenido al servidor web!</h2>
70          <p>Este sitio está siendo servido por <strong>Nginx</strong>.</p>
71          <p>Configurado correctamente y listo para manejar peticiones.</p>
72          <button class="boton" onclick="alert('Servidor en funcionamiento');">Ver estados</button>
73      </main>
74
75      <footer>
76          &copy; 2025 Servidor Nginx - Todos los derechos reservados
77      </footer>
78  </body>
79  </html>
80
```

3: Creamos dockerfile.



4: Docker login y Docker build.

```
Simbolo del sistema CMD x + v

E:\docker\practica2>docker login
Authenticating with existing credentials... [Username: aijose34]

Info → To login with a different account, run 'docker logout' followed by 'docker login'

Login Succeeded

E:\docker\practica2>docker build -t aijose34/practica2:v1 .
[+] Building 6.6s (8/8) FINISHED                                docker:desktop-linux
=> [internal] load build definition from Dockerfile              0.0s
=> => transferring dockerfile: 106B                             0.0s
=> [internal] load metadata for docker.io/library/nginx:alpine  2.1s
=> [auth] library/nginx:pull token for registry-1.docker.io     0.0s
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 2B                                    0.0s
=> [1/2] FROM docker.io/library/nginx:alpine@sha256:65645c7bb6a0661892a8b03b89d0743208a18dd2f3f17a54 3.2s
=> => resolve docker.io/library/nginx:alpine@sha256:65645c7bb6a0661892a8b03b89d0743208a18dd2f3f17a54 0.1s
=> => sha256:39c2ddfd6010082a4a646e7ca44e95aca9bf3eaebc00f17f7ccc2954004f2a7d 15.52MB / 15.52MB 2.2s
=> => sha256:34a64644b756511a2e217f0508e11d1a572085d66cd6dc9a555a082ad49a3102 1.40kB / 1.40kB 0.4s
=> => sha256:197eb75867ef4fceed4724f17b0972ab0489436860a594a9445f8eaff8155053 1.21kB / 1.21kB 0.5s
=> => sha256:81bd8ed7ec6789b0cb7f1b47ee731c522f6dba83201ec73cd6bca1350f582948 402B / 402B 0.5s
=> => sha256:d7e5070240863957ebb0b5a44a5729963c3462666baa2947d00628cb5f2d5773 955B / 955B 0.3s
=> => sha256:b464cfdf2a6319875aeb27359ec549790ce14d8214fcb16ef915e4530e5ed235 629B / 629B 0.2s
=> => sha256:61ca4f733c802afd9e05a32f0de0361b6d713b8b53292dc15fb093229f648674 1.79MB / 1.79MB 0.7s
=> => extracting sha256:61ca4f733c802afd9e05a32f0de0361b6d713b8b53292dc15fb093229f648674 0.2s
=> => extracting sha256:b464cfdf2a6319875aeb27359ec549790ce14d8214fcb16ef915e4530e5ed235 0.0s
=> => extracting sha256:d7e5070240863957ebb0b5a44a5729963c3462666baa2947d00628cb5f2d5773 0.1s
=> => extracting sha256:81bd8ed7ec6789b0cb7f1b47ee731c522f6dba83201ec73cd6bca1350f582948 0.0s
=> => extracting sha256:197eb75867ef4fceed4724f17b0972ab0489436860a594a9445f8eaff8155053 0.0s
=> => extracting sha256:34a64644b756511a2e217f0508e11d1a572085d66cd6dc9a555a082ad49a3102 0.0s
=> => extracting sha256:39c2ddfd6010082a4a646e7ca44e95aca9bf3eaebc00f17f7ccc2954004f2a7d 0.4s
=> [internal] load build context                                0.2s
=> => transferring context: 1.98kB                                0.0s
=> [2/2] COPY index.html /usr/share/nginx/html/index.html     0.6s
```

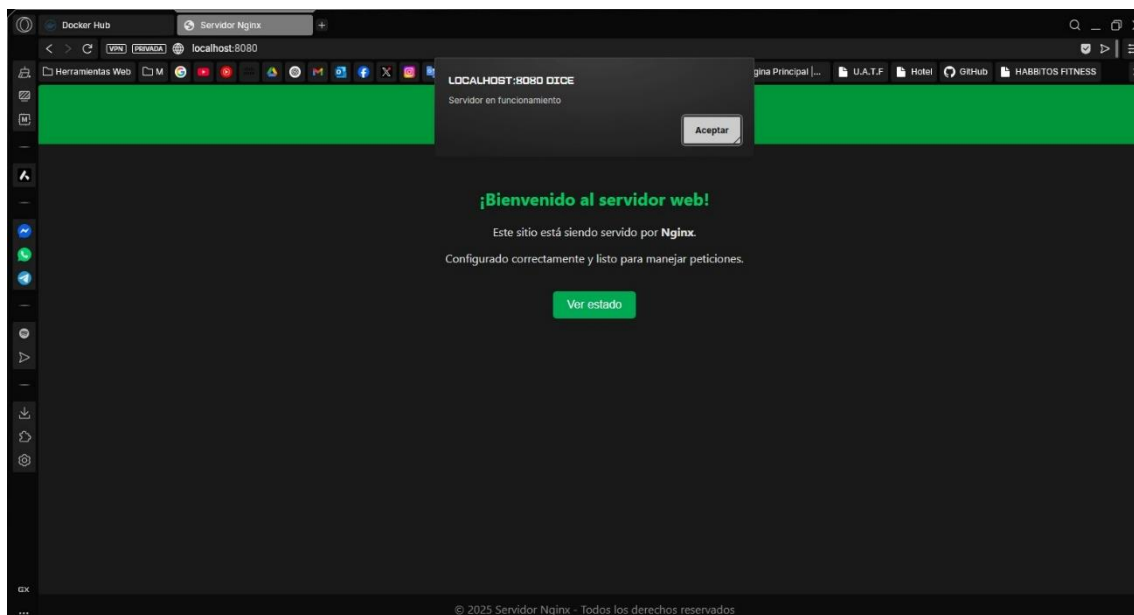
5: Hacemos correr la imagen sobre el servidor.

```
Símbolo del sistema CMD

E:\docker\practica2>docker run -d -p 8080:80 aijose34/practica2:v1
ef75b4dc9f825adf7a93488a964b18c97d4448cf72075d5ad1ea9d084a1a1047

E:\docker\practica2>
```

6: Verificación del puerto 8080.



7: Docker push.

```
E:\docker\practica2>docker push aijose34/practica2:v1
The push refers to repository [docker.io/aijose34/practica2]
d7e507024086: Pushed
197eb75867ef: Pushed
34a64644b756: Pushed
f18232174bc9: Pushed
b464cfdcf2a63: Pushed
8a96b9198ec5: Pushed
d6969888c911: Pushed
81bd8ed7ec67: Pushed
61ca4f733c80: Pushed
39c2ddfd6010: Pushed
v1: digest: sha256:c80a0c507da5746920209373a3dd272aaaeddc5b84224438fffb9908977ed40d size: 856

E:\docker\practica2>
```

8: Repositorio público.

