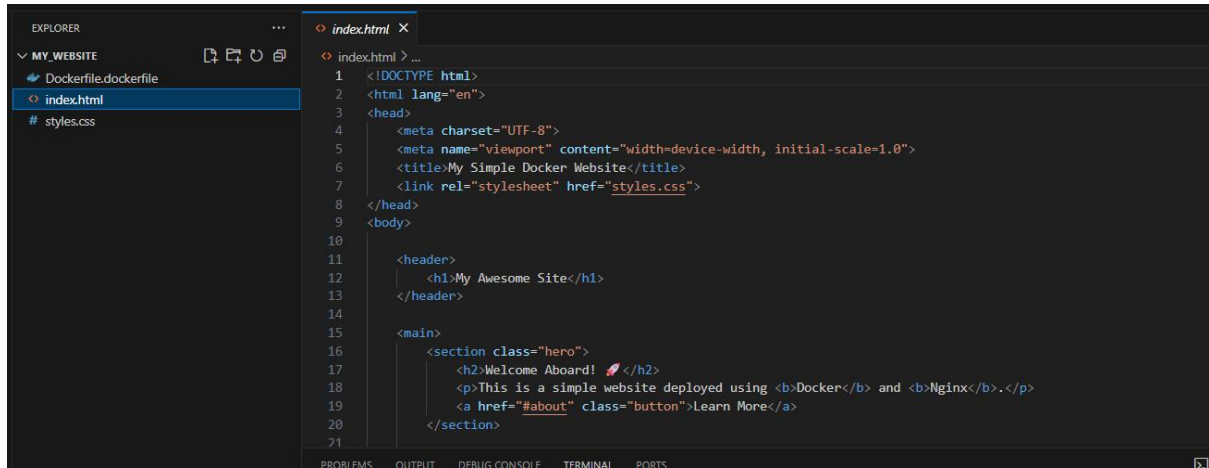


Name:S.Jewel Reddy

Reg No:22MID0161

Docker

Index.html

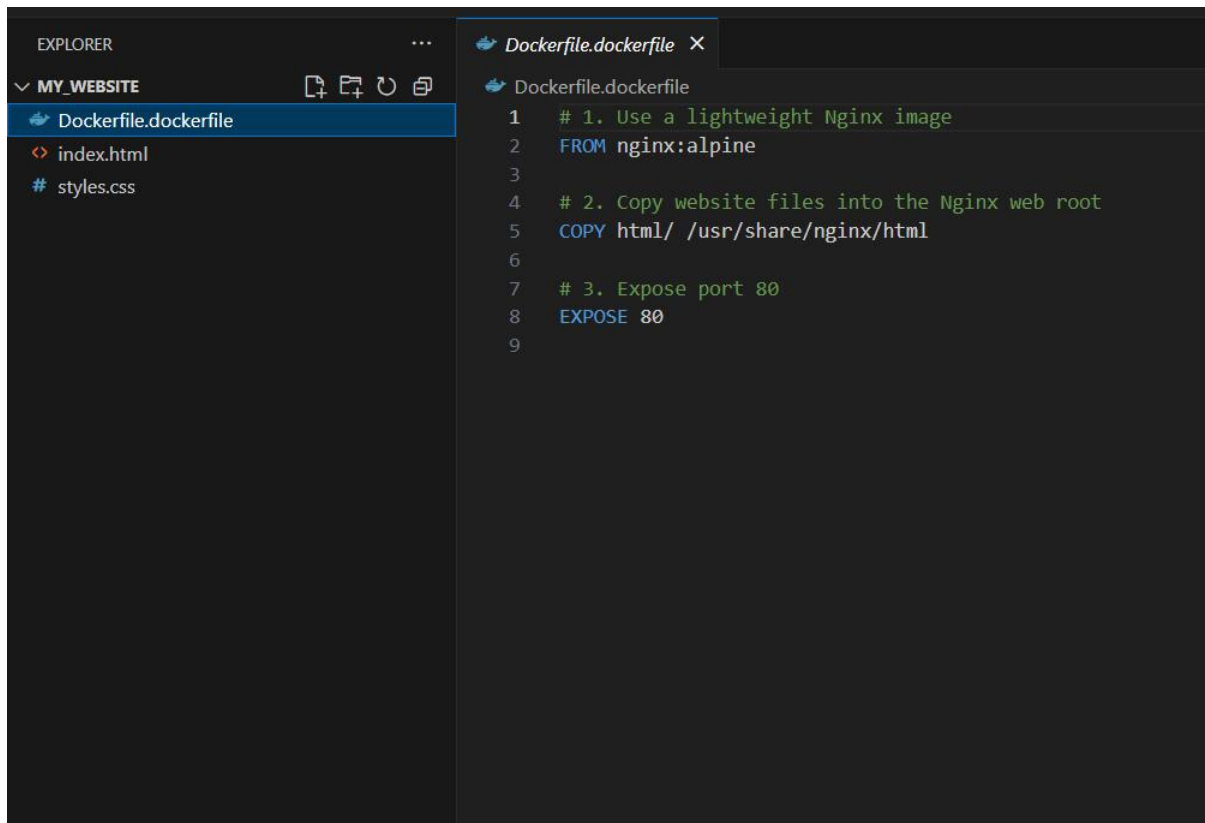


```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>My Simple Docker Website</title>
7   <link rel="stylesheet" href="styles.css">
8 </head>
9 <body>
10
11   <header>
12     <h1>My Awesome Site</h1>
13   </header>
14
15   <main>
16     <section class="hero">
17       <h2>Welcome Aboard! 🚀</h2>
18       <p>This is a simple website deployed using <b>Docker</b> and <b>Nginx</b>.</p>
19       <a href="#about" class="button">Learn More</a>
20     </section>
21 </body>
```

Styles.css

```
# styles.css
1 body {
2   font-family: 'Arial', sans-serif;
3   margin: 0;
4   padding: 0;
5   background-color: #f4f4f9;
6   color: #333;
7   line-height: 1.6;
8 }
9
10 header {
11   background-color: #007bff;
12   color: white;
13   padding: 20px 0;
14   text-align: center;
15   box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
16 }
17
18 header h1 {
19   margin: 0;
20   font-size: 2.5em;
21 }
22
23 main {
24   max-width: 900px;
25   margin: 40px auto;
26   padding: 0 20px;
27 }
28
29 .hero {
30   background-color: #ffffff;
31   padding: 40px;
32   border-radius: 8px;
33   text-align: center;
34   margin-bottom: 40px;
35   border-left: 5px solid #007bff;
36   box-shadow: 0 4px 8px rgba(0, 0, 0, 0.05);
37 }
38
39 .hero h2 {
40   color: #007bff;
41   font-size: 2em;
42   margin-top: 0;
43 }
44
45 .button {
46   display: inline-block;
47   background-color: #28a745;
48   color: white;
49   padding: 10px 20px;
50   text-decoration: none;
51   border-radius: 5px;
52   margin-top: 15px;
53   transition: background-color 0.3s ease;
54 }
55
56 .button:hover {
57   background-color: #218838;
58 }
59
60 .content-box {
61   background-color: #fff;
62   padding: 30px;
63   border-radius: 8px;
64   margin-top: 20px;
65   box-shadow: 0 4px 8px rgba(0, 0, 0, 0.05);
66 }
```

Dockerfile



Commands:

docker login

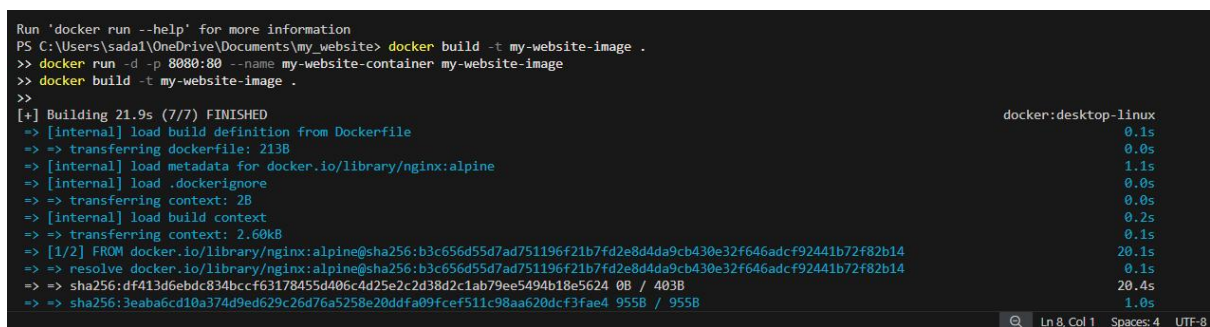
docker build -t my-website-image .

docker run -d -p 8080:80 --name my-website-container my-website-image

docker tag my-website-image your-username/my-website-image:latest

docker push your-username/my-website-image:latest

<http://localhost:8080>



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
=> => exporting config sha256:e1402d5ca5386f5b0c2c1d240736fdb059a0e86ad4e04cf7540abed5c3061a 0.0s
=> => exporting attestation manifest sha256:0015917c39dde065f179d991c7dbf5e14bbc6ae38929c97f8a00925a23c79c72 0.0s
=> => exporting manifest list sha256:d4d05555f6c2acd975af77f0c54219d50485433989e5168c845c1466aa26da0 0.0s
=> => naming to docker.io/library/my-website-image:latest 0.0s
=> => unpacking to docker.io/library/my-website-image:latest 0.0s
PS C:\Users\sada1\OneDrive\Documents\my_website> docker run -d -p 8080:80 my-website-image
>>
5f33437b1e9ad2bc0b5ba45c45f394f79d398935c7e51190243b130c296aeaa2
docker: Error response from daemon: ports are not available: exposing port TCP 0.0.0.0:8080 -> 127.0.0.1:0: listen tcp 0.0.0.0:8080: bind: Only one usage of each socket address (protocol/net
work address/port) is normally permitted.

Run 'docker run --help' for more information
PS C:\Users\sada1\OneDrive\Documents\my_website> docker run -d -p 8080:80 my-website-image
>>
e68264b7eaab47dfccf84cb1c182be5b0a7b21b652c39c066732eb2017a9007
PS C:\Users\sada1\OneDrive\Documents\my_website> docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
e68264b7eaab my-website-image "/docker-entrypoint..." About a minute ago Up About a minute 0.0.0.0:8081->80/tcp, [::]:8081->80/tcp quizzical_vivesvaraya
PS C:\Users\sada1\OneDrive\Documents\my_website>
```

Ask Gordon BETA

Containers

Images

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Models

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Extensions

Container CPU usage 0.00% / 1200% (12 CPUs available)

Container memory usage 10.17MB / 3.58GB

Show charts

Search

Only show running containers

	Name	Container ID	Image	Port(s)	CPU (%)	Actions
<input type="checkbox"/>	musing_elion	5f33437b1e9a	my-website	8080:80	0%	
<input type="checkbox"/>	my-website-con	8326f08d13ae	docker-den	8082:80	0%	

Walkthroughs

Multi-container applications
8 mins

Containerize your application
3 mins

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