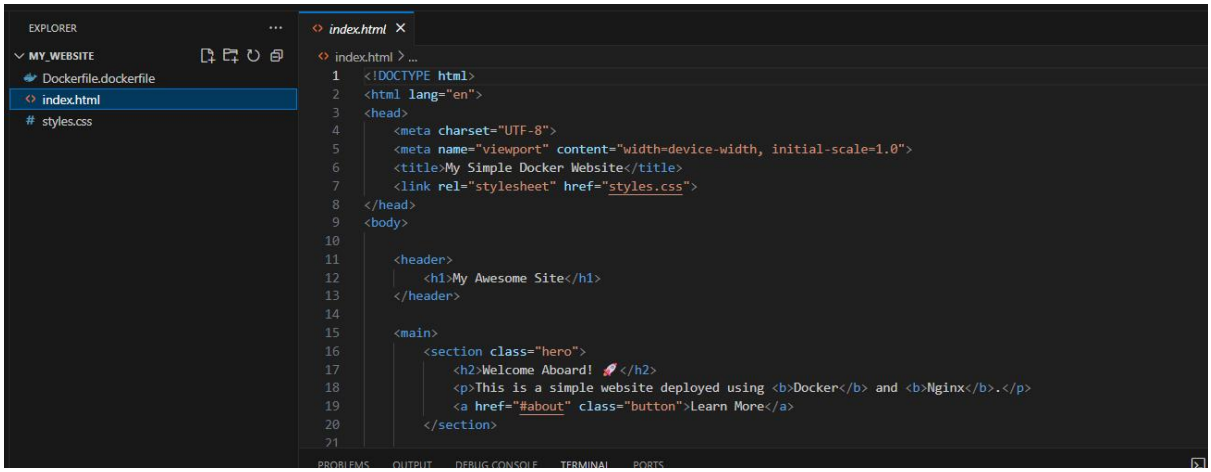
Name:S.Jewel Reddy

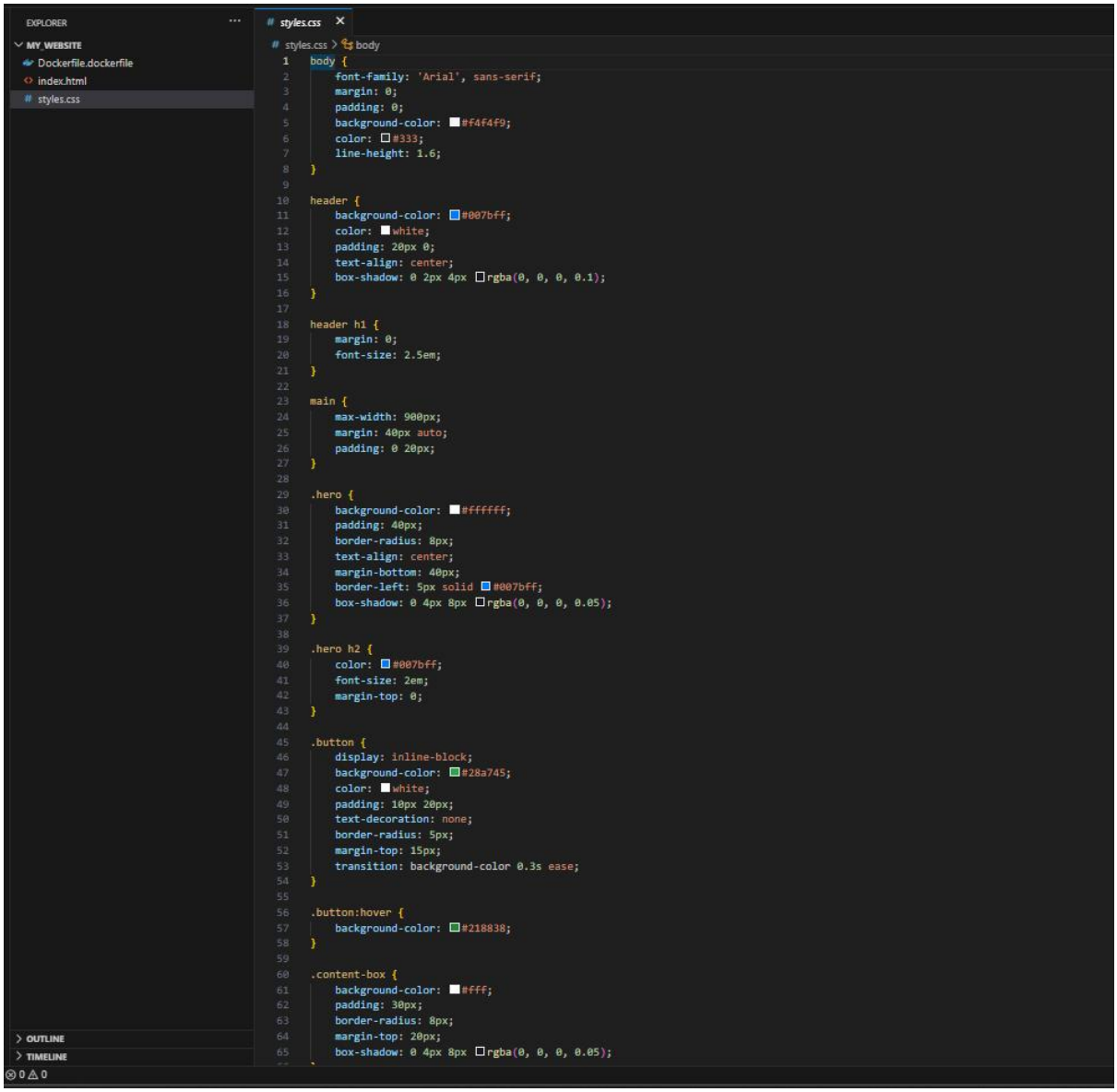
Reg No:22MID0161

Docker

Index.html

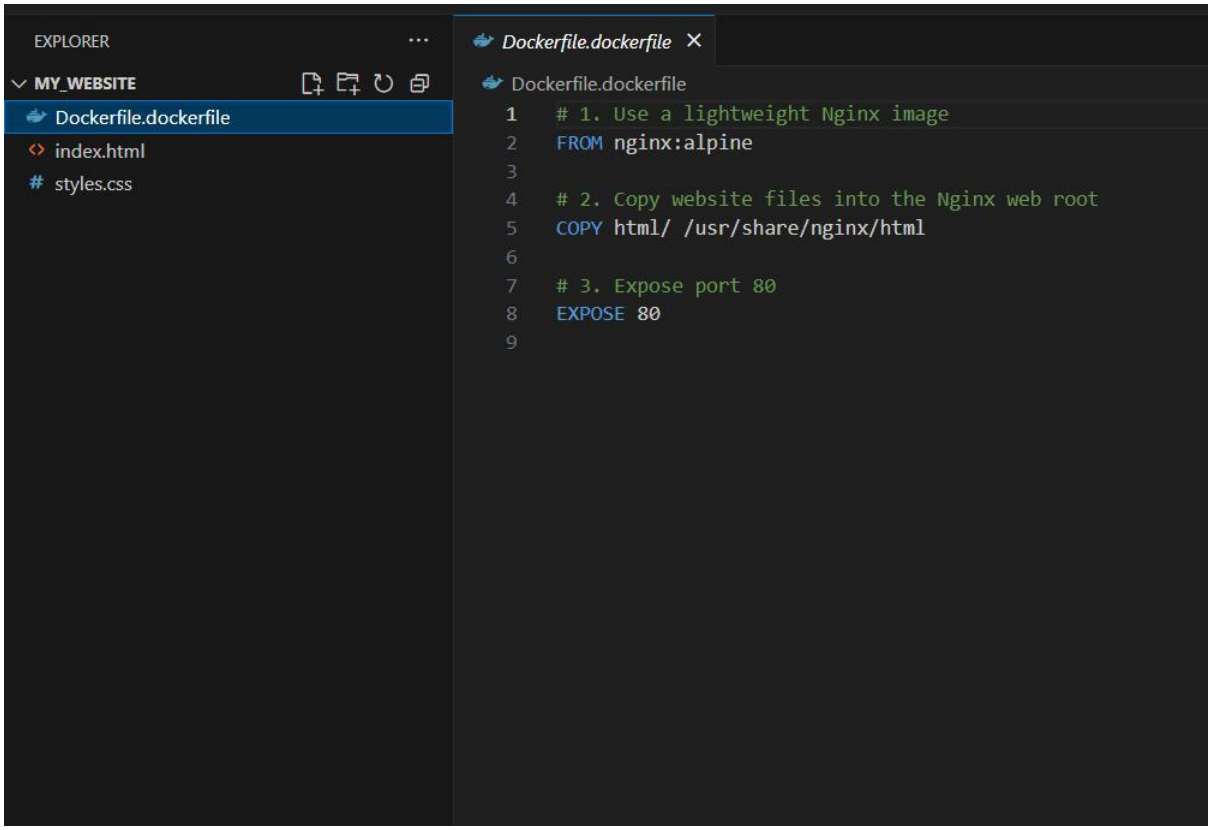


Styles.css




```css
body {
    font-family: 'Arial', sans-serif;
    margin: 0;
    padding: 0;
    background-color: #f4f4f9;
    color: #333;
    line-height: 1.6;
}

header {
    background-color: #007bff;
    color: white;
    padding: 20px 0;
    text-align: center;
    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
}

header h1 {
    margin: 0;
    font-size: 2.5em;
}

main {
    max-width: 900px;
    margin: 40px auto;
    padding: 0 20px;
}

.hero {
    background-color: #ffffff;
    padding: 40px;
    border-radius: 8px;
    text-align: center;
    margin-bottom: 40px;
    border-left: 5px solid #007bff;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.05);
}

.hero h2 {
    color: #007bff;
    font-size: 2em;
    margin-top: 0;
}

.button {
    display: inline-block;
    background-color: #28a745;
    color: white;
    padding: 10px 20px;
    text-decoration: none;
    border-radius: 5px;
    margin-top: 15px;
    transition: background-color 0.3s ease;
}

.button:hover {
    background-color: #218838;
}

.content-box {
    background-color: #fff;
    padding: 30px;
    border-radius: 8px;
    margin-top: 20px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.05);
```

Dockerfile



Commands:

docker login

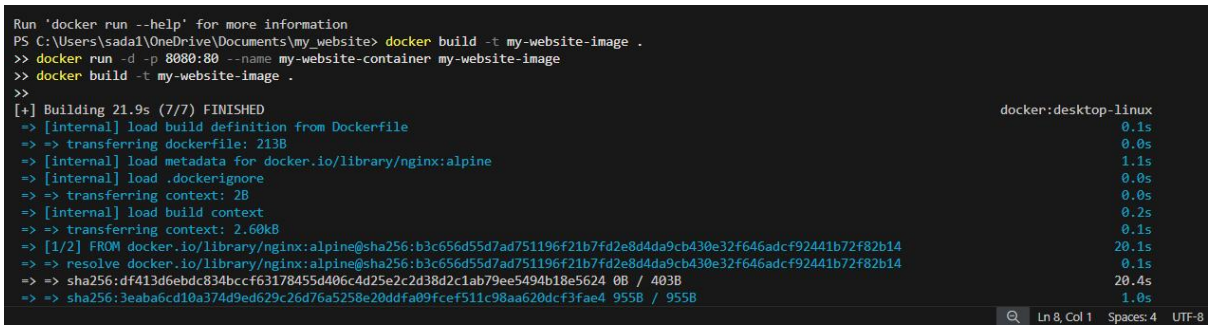
docker build -t my-website-image .

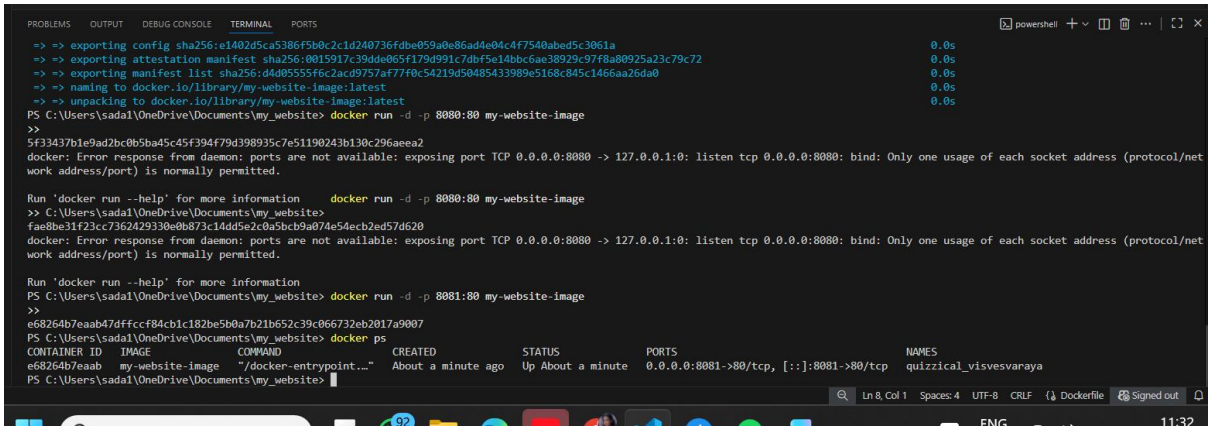
docker run -d -p 8080:80 --name my-website-container my-website-image

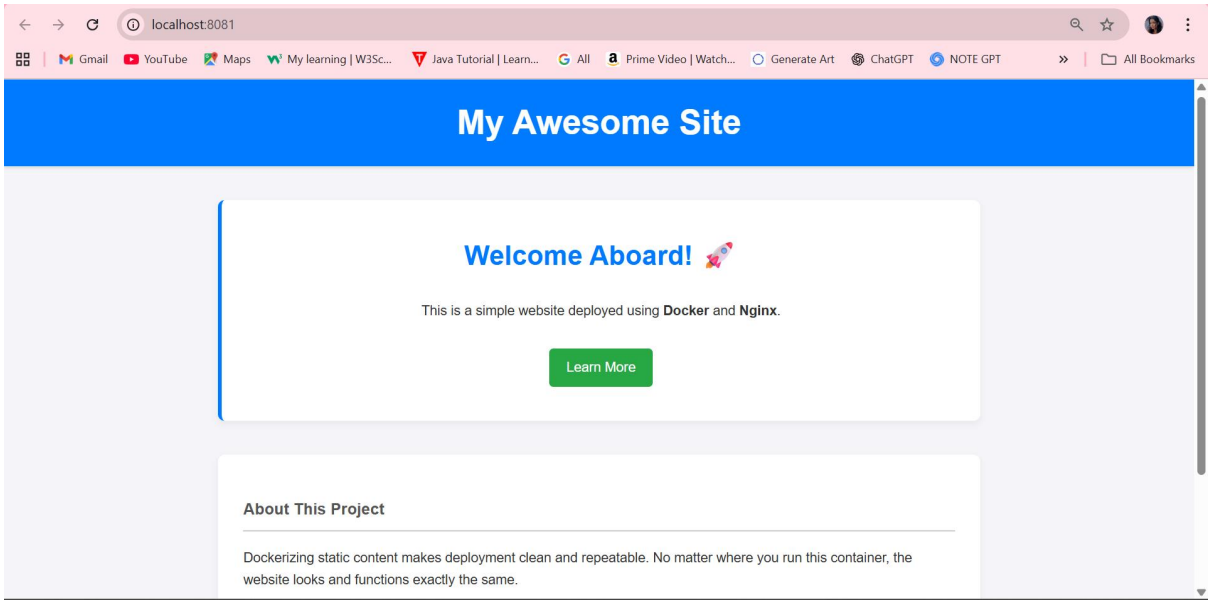
docker tag my-website-image your-username/my-website-image:latest

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

http://localhost:8080




PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
powershell
=> => exporting config sha256:e1402d5ca5386f5b0c2c1d240736fdbe059a0e86ad4e04c4f7540abed5c3061a 0.0s
=> => exporting attestation manifest sha256:0015917c39dde065f179d991c7dbf5e14bbc6ae38929c97f8a80925a23c79c72 0.0s
=> => exporting manifest list sha256:d4d05555f6c2acd9757af77f0c54219d50485433989e5168c845c1466aa26da0 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
>>
5f33437b1e9ad2bc0b5ba45c45f394f79d398935c7e51190243b130c296aeea2
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/network address/port) is normally permitted.
Run 'docker run --help' for more information
docker run -d -p 8080:80 my-website-image
>> C:\Users\sada1\OneDrive\Documents\my_website>
fae8be31f23cc7362429330e0b873c14dd5e2c0a5bcb9a074e54ecb2ed57d620
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/network address/port) is normally permitted.
Run 'docker run --help' for more information
PS C:\Users\sada1\OneDrive\Documents\my_website> docker run -d -p 8081:80 my-website-image
>>
e68264b7eaab47dffccf84cb1c182be5b0a7b21b652c39c066732eb2017a9007
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_visvesvaraya
PS C:\Users\sada1\OneDrive\Documents\my_website>
Ln 8, Col 1
Spaces: 4
UTF-8
CRLF
Dockerfile
Signed out
11:32


localhost:8081
Gmail
YouTube
Maps
My learning | W3Sc...
Java Tutorial | Learn...
All
Prime Video | Watch...
Generate Art
ChatGPT
NOTE GPT
All Bookmarks
My Awesome Site
Welcome Aboard!
This is a simple website deployed using Docker and Nginx.
Learn More
About This Project
Dockerizing static content makes deployment clean and repeatable. No matter where you run this container, the website looks and functions exactly the same.