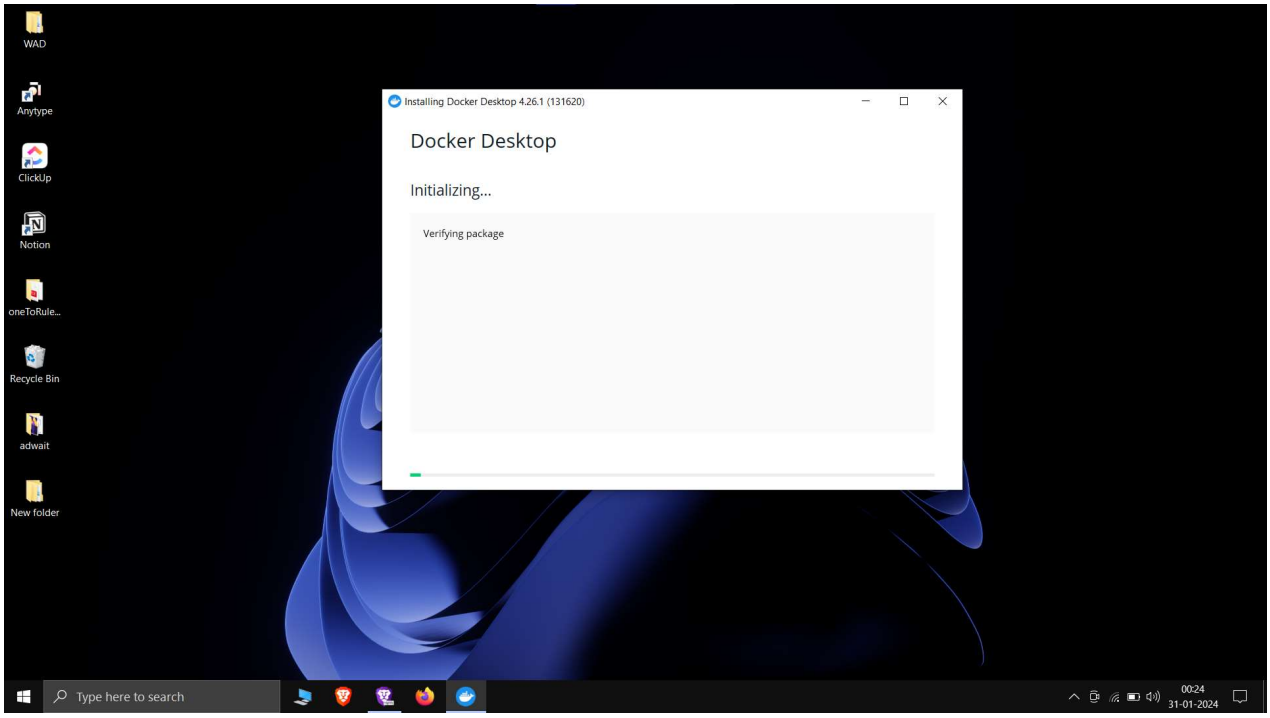
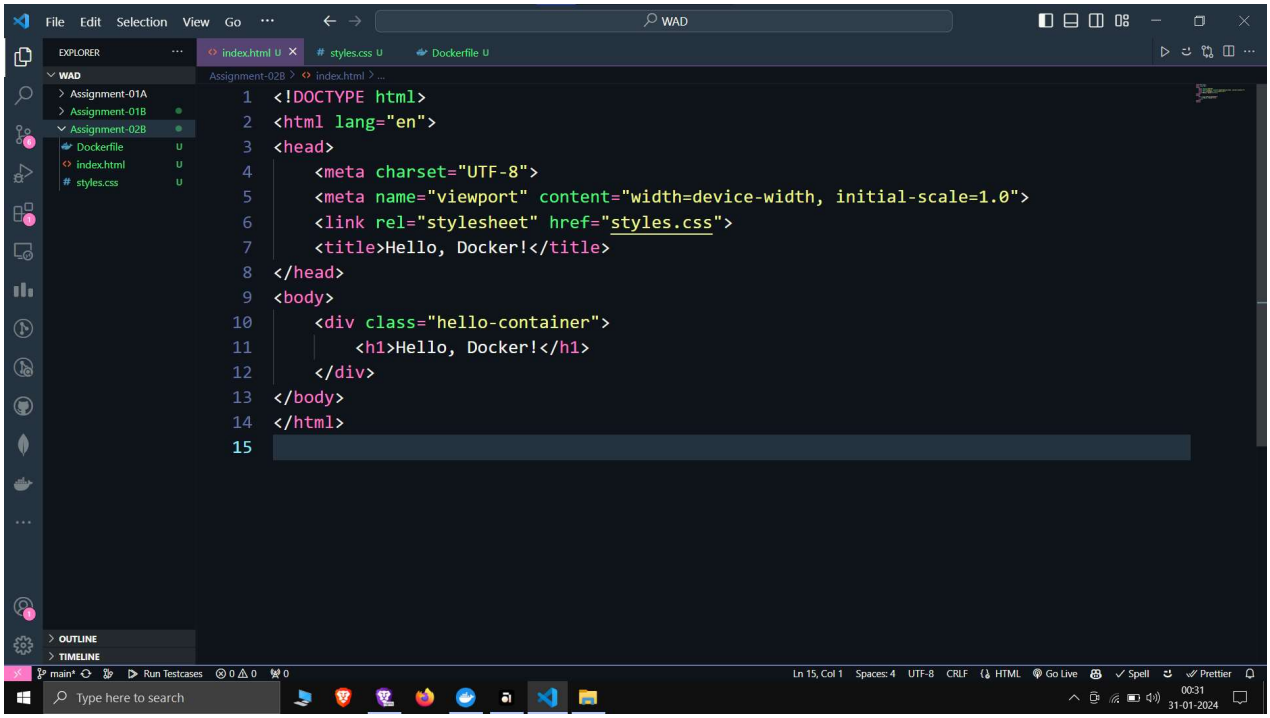
Note

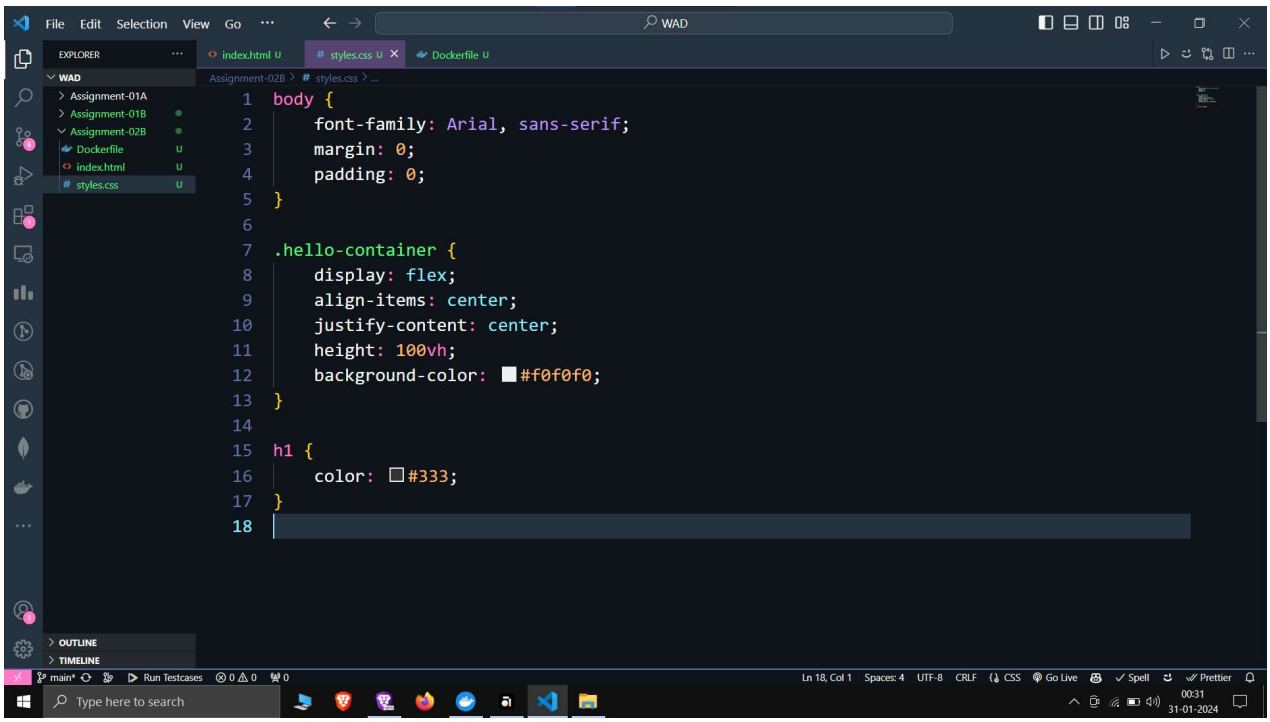
# WAD Assignment :- 2B

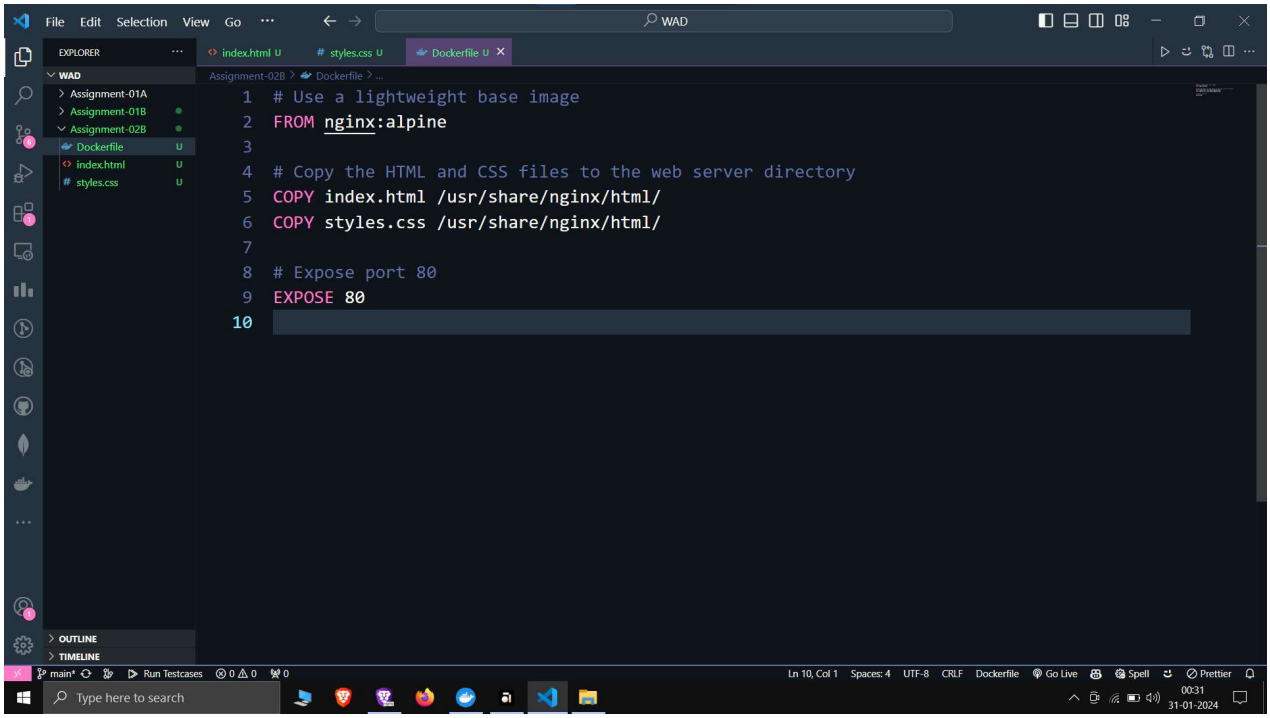
Roll no :- 33272  Batch :- N-10

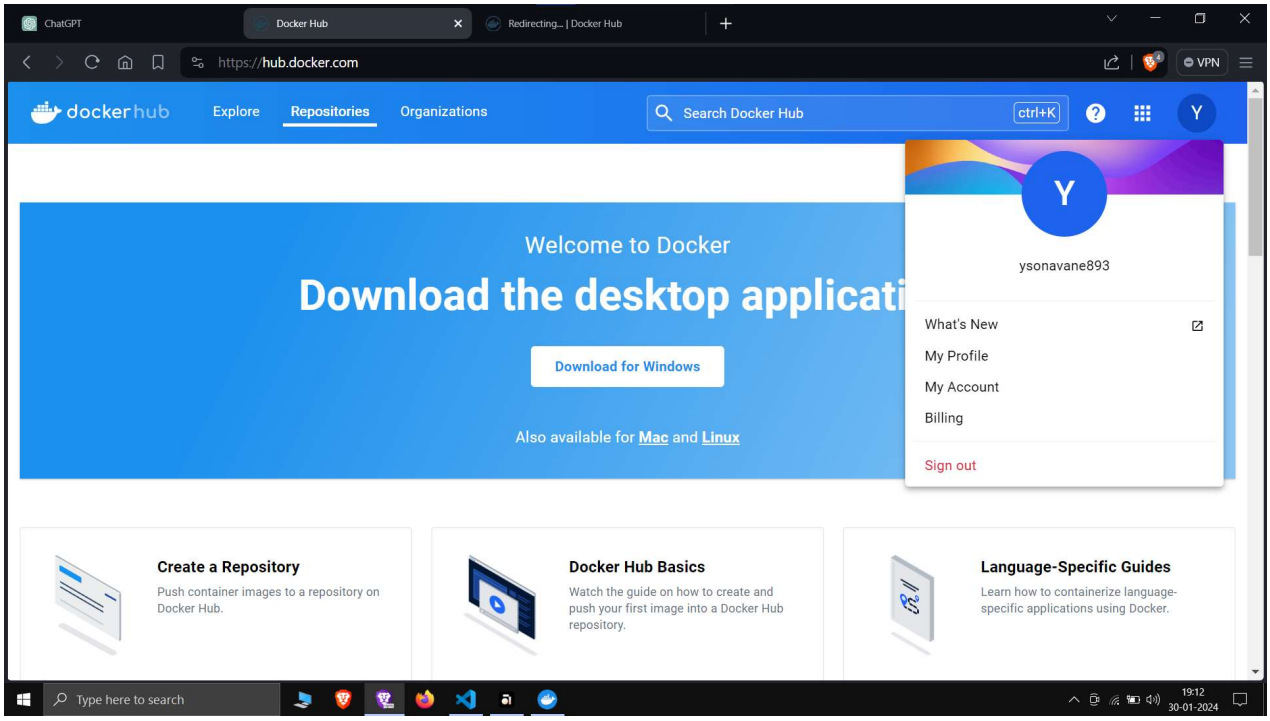
## Docker Installation

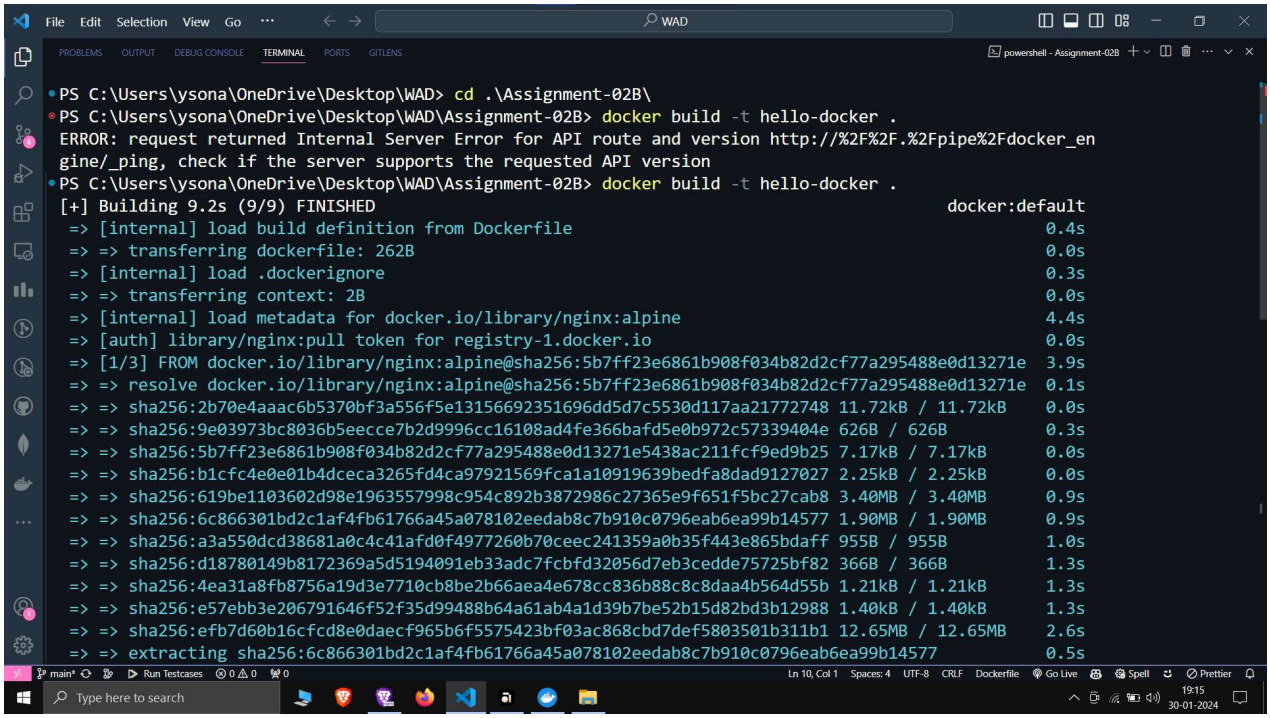


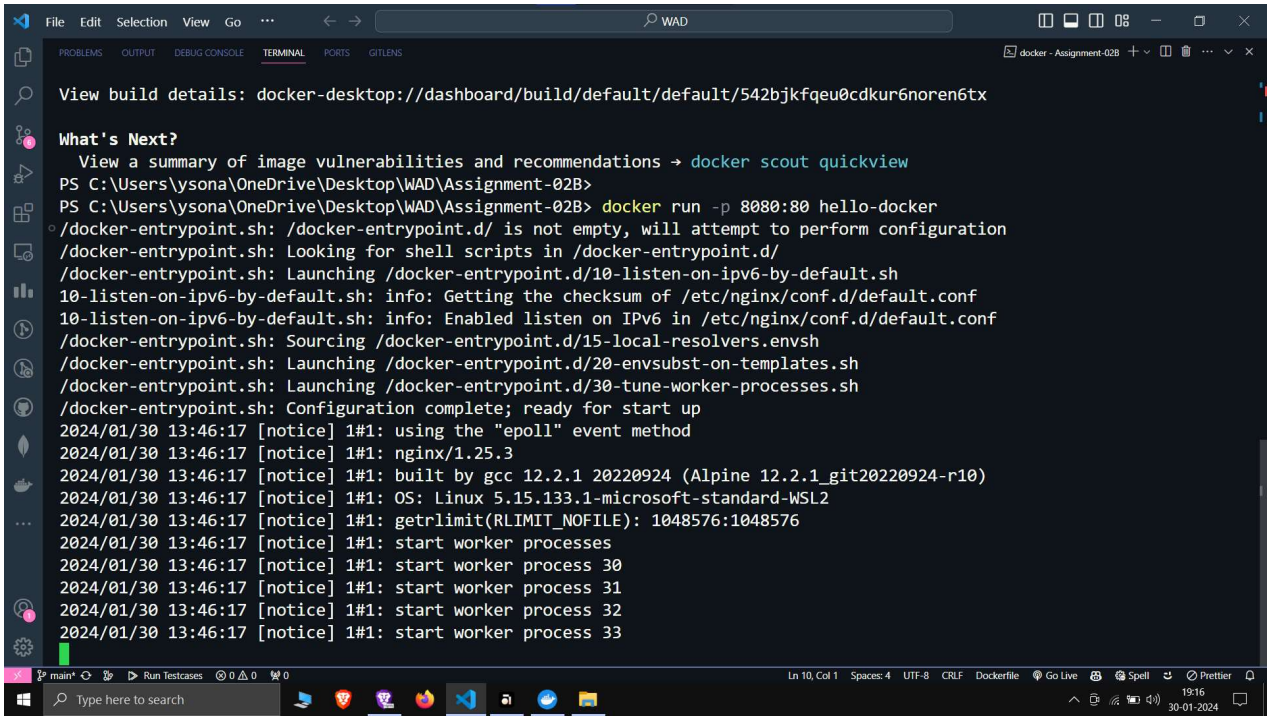

File Edit Selection View Go
WAD
EXPLORER
index.html U
styles.css U
Dockerfile U
Assignment-02B > index.html > ...
WAD
Assignment-01A
Assignment-01B
Assignment-02B
Dockerfile U
index.html U
styles.css U
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <link rel="stylesheet" href="styles.css">
7 <title>Hello, Docker!</title>
8 </head>
9 <body>
10 
11 <h1>Hello, Docker!</h1>
12 
13 </body>
14 </html>
15
OUTLINE
TIMELINE
main* Run Testcases 0 0 0
Ln 15, Col 1 Spaces: 4 UTF-8 CRLF HTML Go Live Spell Prettier
Type here to search
00:31
31-01-2024

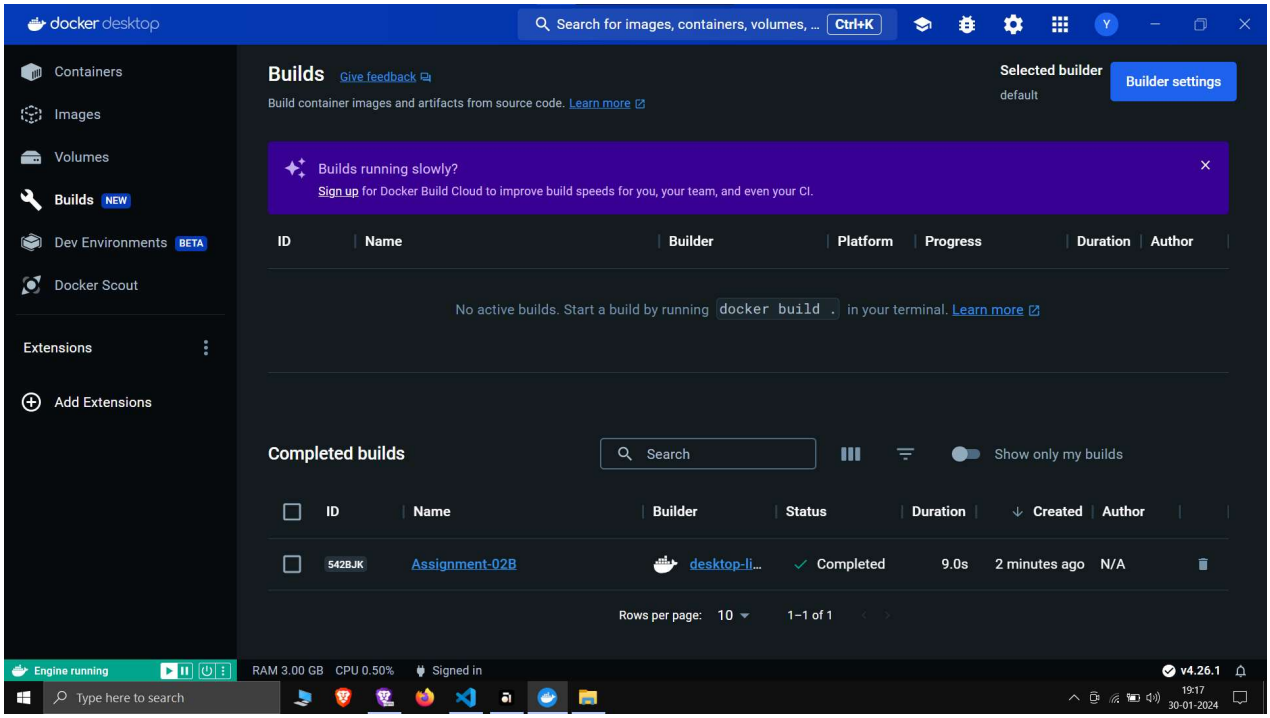

File Edit Selection View Go
WAD
EXPLORER
index.html U
styles.css U
Dockerfile U
Assignment-02B > styles.css > ...
WAD
Assignment-01A
Assignment-01B
Assignment-02B
Dockerfile U
index.html U
styles.css U
1 body {
2 font-family: Arial, sans-serif;
3 margin: 0;
4 padding: 0;
5 }
6
7 .hello-container {
8 display: flex;
9 align-items: center;
10 justify-content: center;
11 height: 100vh;
12 background-color: #f0f0f0;
13 }
14
15 h1 {
16 color: #333;
17 }
18
OUTLINE
TIMELINE
main* Run Testcases 0 0 0
Ln 18, Col 1 Spaces: 4 UTF-8 CRLF CSS Go Live Spell Prettier
Type here to search
00:31
31-01-2024

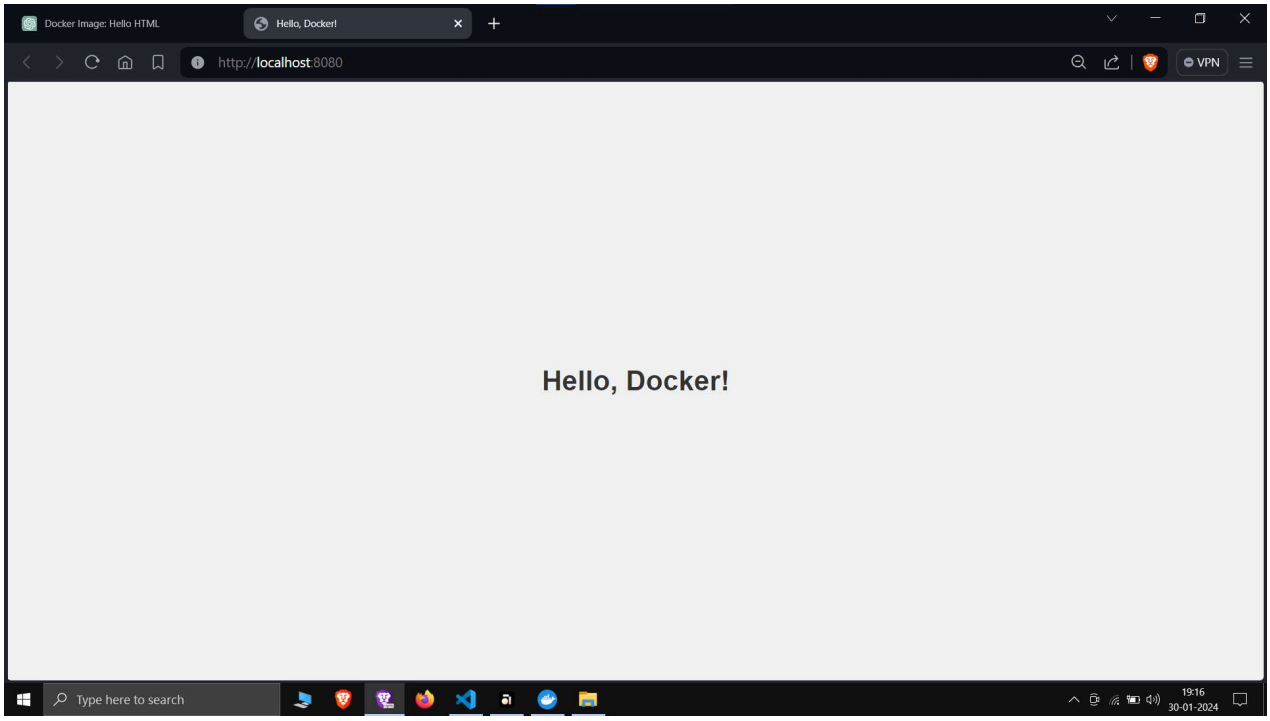

File Edit Selection View Go
WAD
EXPLORER
WAD
Assignment-01A
Assignment-01B
Assignment-02B
Dockerfile
index.html
styles.css
index.html U
styles.css U
Dockerfile U
Assignment-02B > Dockerfile > ...
1 # Use a lightweight base image
2 FROM nginx:alpine
3
4 # Copy the HTML and CSS files to the web server directory
5 COPY index.html /usr/share/nginx/html/
6 COPY styles.css /usr/share/nginx/html/
7
8 # Expose port 80
9 EXPOSE 80
10
OUTLINE
TIMELINE
main*
Run Testcases
Ln 10, Col 1 Spaces: 4 UTF-8 CRLF Dockerfile Go Live Spell Prettier
Type here to search
00:31
31-01-2024


ChatGPT
Docker Hub
Redirecting... | Docker Hub
https://hub.docker.com
VPN
dockerhub
Explore
Repositories
Organizations
Search Docker Hub
ctrl+K
Y
Welcome to Docker
Download the desktop applicati
Download for Windows
Also available for Mac and Linux
ysonavane893
What's New
My Profile
My Account
Billing
Sign out
Create a Repository
Push container images to a repository on Docker Hub.
Docker Hub Basics
Watch the guide on how to create and push your first image into a Docker Hub repository.
Language-Specific Guides
Learn how to containerize language-specific applications using Docker.
Type here to search
19:12
30-01-2024


File Edit Selection View Go
WAD
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS
powershell - Assignment-02B
PS C:\Users\ysona\OneDrive\Desktop\WAD> cd .\Assignment-02B\
PS C:\Users\ysona\OneDrive\Desktop\WAD\Assignment-02B> docker build -t hello-docker .
ERROR: request returned Internal Server Error for API route and version http://%2F%2F.%2Fpipe%2Fdocker_engine/_ping, check if the server supports the requested API version
PS C:\Users\ysona\OneDrive\Desktop\WAD\Assignment-02B> docker build -t hello-docker .
[+] Building 9.2s (9/9) FINISHED docker:default
=> [internal] load build definition from Dockerfile 0.4s
=> => transferring dockerfile: 262B 0.0s
=> [internal] load .dockerignore 0.3s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/nginx:alpine 4.4s
=> [auth] library/nginx:pull token for registry-1.docker.io 0.0s
=> [1/3] FROM docker.io/library/nginx:alpine@sha256:5b7ff23e6861b908f034b82d2cf77a295488e0d13271e 3.9s
=> => resolve docker.io/library/nginx:alpine@sha256:5b7ff23e6861b908f034b82d2cf77a295488e0d13271e 0.1s
=> => sha256:2b70e4aaac6b5370bf3a556f5e13156692351696dd5d7c5530d117aa21772748 11.72kB / 11.72kB 0.0s
=> => sha256:9e03973bc8036b5eecce7b2d9996cc16108ad4fe366bafd5e0b972c57339404e 626B / 626B 0.3s
=> => sha256:5b7ff23e6861b908f034b82d2cf77a295488e0d13271e5438ac211fcf9ed9b25 7.17kB / 7.17kB 0.0s
=> => sha256:b1cfc4e0e01b4dceca3265fd4ca97921569fca1a10919639bedfa8dad9127027 2.25kB / 2.25kB 0.0s
=> => sha256:619be1103602d98e1963557998c954c892b3872986c27365e9f651f5bc27cab8 3.40MB / 3.40MB 0.9s
=> => sha256:6c866301bd2c1af4fb61766a45a078102eedab8c7b910c0796eab6ea99b14577 1.90MB / 1.90MB 0.9s
=> => sha256:a3a550dcd38681a0c4c41afd0f4977260b70ceec241359a0b35f443e865bdaff 955B / 955B 1.0s
=> => sha256:d18780149b8172369a5d5194091eb33adc7fcbfd32056d7eb3cedde75725bf82 366B / 366B 1.3s
=> => sha256:4ea31a8fb8756a19d3e7710cb8be2b66aea4e678cc836b88c8c8daa4b564d55b 1.21kB / 1.21kB 1.3s
=> => sha256:e57ebb3e206791646f52f35d99488b64a61ab4a1d39b7be52b15d82bd3b12988 1.40kB / 1.40kB 1.3s
=> => sha256:efb7d60b16cfcd8e0daecf965b6f5575423bf03ac868cbd7def5803501b311b1 12.65MB / 12.65MB 2.6s
=> => extracting sha256:6c866301bd2c1af4fb61766a45a078102eedab8c7b910c0796eab6ea99b14577 0.5s
main* Run Testcases Ln 10, Col 1 Spaces: 4 UTF-8 CRLF Dockerfile Go Live Spell Prettier
Type here to search
19:15
30-01-2024


File Edit Selection View Go
WAD
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS
docker - Assignment-02B
View build details: docker-desktop://dashboard/build/default/default/542bjkfqeu0cdkur6noren6tx
What's Next?
View a summary of image vulnerabilities and recommendations → docker scout quickview
PS C:\Users\ysona\OneDrive\Desktop\WAD\Assignment-02B>
PS C:\Users\ysona\OneDrive\Desktop\WAD\Assignment-02B> docker run -p 8080:80 hello-docker
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2024/01/30 13:46:17 [notice] 1#1: using the "epoll" event method
2024/01/30 13:46:17 [notice] 1#1: nginx/1.25.3
2024/01/30 13:46:17 [notice] 1#1: built by gcc 12.2.1 20220924 (Alpine 12.2.1_git20220924-r10)
2024/01/30 13:46:17 [notice] 1#1: OS: Linux 5.15.133.1-microsoft-standard-WSL2
2024/01/30 13:46:17 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2024/01/30 13:46:17 [notice] 1#1: start worker processes
2024/01/30 13:46:17 [notice] 1#1: start worker process 30
2024/01/30 13:46:17 [notice] 1#1: start worker process 31
2024/01/30 13:46:17 [notice] 1#1: start worker process 32
2024/01/30 13:46:17 [notice] 1#1: start worker process 33
main* Run Testcases Ln 10, Col 1 Spaces: 4 UTF-8 CRLF Dockerfile Go Live Spell Prettier
Type here to search
19:16
30-01-2024


docker desktop
Search for images, containers, volumes, ... Ctrl+K
Containers
Images
Volumes
Builds NEW
Dev Environments BETA
Docker Scout
Extensions
Add Extensions
Builds
Give feedback
Build container images and artifacts from source code. Learn more
Selected builder
default
Builder settings
Builds running slowly?
Sign up for Docker Build Cloud to improve build speeds for you, your team, and even your CI.
ID
Name
Builder
Platform
Progress
Duration
Author
No active builds. Start a build by running docker build . in your terminal. Learn more
Completed builds
Search
Show only my builds
ID
Name
Builder
Status
Duration
Created
Author
542BJK
Assignment-02B
desktop-li...
Completed
9.0s
2 minutes ago
N/A
Rows per page: 10
1–1 of 1
Engine running
RAM 3.00 GB CPU 0.50%
Signed in
v4.26.1
Type here to search
19:17
30-01-2024


Docker Image: Hello HTML
Hello, Docker!
http://localhost:8080
VPN
Hello, Docker!
Type here to search
19:16
30-01-2024