

Docker Task -2

Create a dockerfile, docker-compose file which when executed must display your basic details in the website.

Instances (1/1) [Info](#)

Find Instance by attribute or tag (case-sensitive)

All states

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status
<input checked="" type="checkbox"/>	My Web Server	<a href="#">i-085f671f1fd9e312b</a>	Running	t3.micro	3/

```
[ec2-user@ip-172-31-20-54 ~]$ sudo su -
[root@ip-172-31-20-54 ~]# sudo yum update -y
sudo yum install docker -y
sudo systemctl start docker
sudo systemctl enable docker
sudo usermod -aG docker ec2-user
^CKeyboardInterrupt: Terminated.
Amazon Linux 2023 Kernel Livepatch repository
Dependencies resolved.
```

Package	Architecture	Version
Installing:		
<b>docker</b>	x86_64	25.0.13-1.
Installing dependencies:		
<b>container-selinux</b>	noarch	4:2.242.0-
<b>containerd</b>	x86_64	2.1.5-1.am
<b>iptables-libs</b>	x86_64	1.8.8-3.am
<b>iptables-nft</b>	x86_64	1.8.8-3.am
<b>libcgroup</b>	x86_64	3.0-1.amzn
<b>libnetfilter_conntrack</b>	x86_64	1.0.8-2.am
<b>libnftnl</b>	x86_64	1.0.1-19.a
<b>libnftnl</b>	x86_64	1.2.2-2.am
<b>pigz</b>	x86_64	2.5-1.amzn
<b>runc</b>	x86_64	1.3.3-2.am

## Transaction Summary

```
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /usr/lib/systemd/system/docker.service.
```

```
[root@ip-172-31-20-54 ~]# docker --version
```

```
Docker version 25.0.13, build 0bab007
```

```
[root@ip-172-31-20-54 ~]# sudo curl -L "https://github.com/docker/compose/releases/
-o /usr/local/bin/docker-compose
```

```
sudo chmod +x /usr/local/bin/docker-compose
```

```
docker-compose --version
```

% Total		% Received		% Xferd		Average Speed		Time	Time	Time	Current
						Dload	Upload	Total	Spent	Left	Speed
0	0	0	0	0	0	0	0	--:--:--	--:--:--	--:--:--	0
0	0	0	0	0	0	0	0	--:--:--	--:--:--	--:--:--	0
100	29.8M	100	29.8M	0	0	51.1M	0	--:--:--	--:--:--	--:--:--	320M

```
Docker Compose version v5.0.1
```

```
[root@ip-172-31-20-54 ~]# mkdir docker-assignment
```

```
cd docker-assignment
```

```
[root@ip-172-31-20-54 docker-assignment]# vi index.html
```

```
[root@ip-172-31-20-54 docker-assignment]#
```



```
<!DOCTYPE html>
<html>
<head>
  <title>My Docker Assignment</title>
</head>
<body style="text-align:center; font-family:Arial;">
  <h1>Your Name</h1>
  <p>Role: Cloud / DevOps Engineer</p>
  <p>Skills: AWS, Docker, Linux</p>
  <p>Email: your@email.com</p>
</body>
</html>
```



```
FROM nginx:alpine
COPY index.html /usr/share/nginx/html/index.html
EXPOSE 80
```



Search

```
version: '3.8'

services:
  website:
    build: .
    container_name: my-profile-site
    ports:
      - "80:80"
```

-> resolving provenance for metadata file

[+] up 3/3

✓ Image docker-assignment-website Built  
✓ Network docker-assignment\_default Created  
✓ Container my-profile-site Created

[root@ip-172-31-20-54 docker-assignment]# docker ps

CONTAINER ID	IMAGE	COMMAND	CREATED
8ed408dc9c7b	docker-assignment-website	"/docker-entrypoint...."	19 seconds ago

[root@ip-172-31-20-54 docker-assignment]#

[root@ip-172-31-20-54 docker-assignment]# docker ps

ls

CONTAINER ID	IMAGE	COMMAND	CREATED
8ed408dc9c7b	docker-assignment-website	"/docker-entrypoint...."	5 minutes ago

Dockerfile docker-compose.yml index.html  
[root@ip-172-31-20-54 docker-assignment]#



Not secure

18.236.96.141



Set Google Chrome as your default browser and pin it to your taskbar

Set as default