

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
<input checked="" type="checkbox"/>	My Web Server	i-085f671f1fd9e312b	 Running  	t3.micro  3/



```
'~\ #### Amazon Linux 2023
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~/m.

[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:
docker                                         x86_64        25.0.13-1.
Installing dependencies:
container-selinux                               noarch        4:2.242.0-
containerd                                     x86_64        2.1.5-1.amzn
iptables-libs                                  x86_64        1.8.8-3.amzn
iptables-nft                                   x86_64        1.8.8-3.amzn
libcgroup                                      x86_64        3.0-1.amzn
libnetfilter_conntrack                         x86_64        1.0.8-2.amzn
libnfnetlink                                    x86_64        1.0.1-19.amzn
libnftnl                                       x86_64        1.2.2-2.amzn
pigz                                           x86_64        2.5-1.amzn
runc                                           x86_64        1.3.3-2.amzn

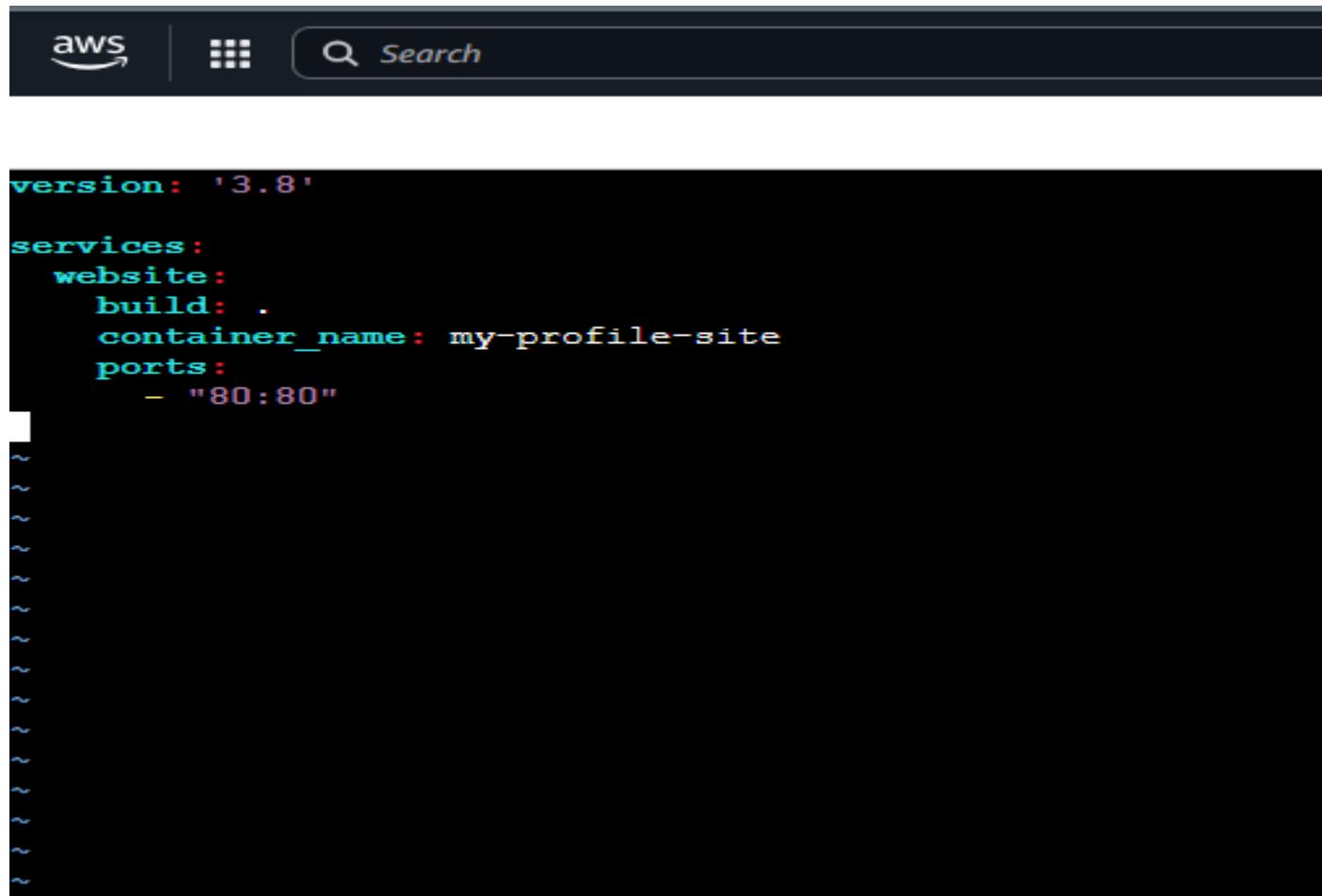
Transaction Summary

Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /usr/l
[root@ip-172-31-20-54 ~]# docker --version
Docker version 25.0.13, build Obab007
[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
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
```



```
-> 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]#
```

