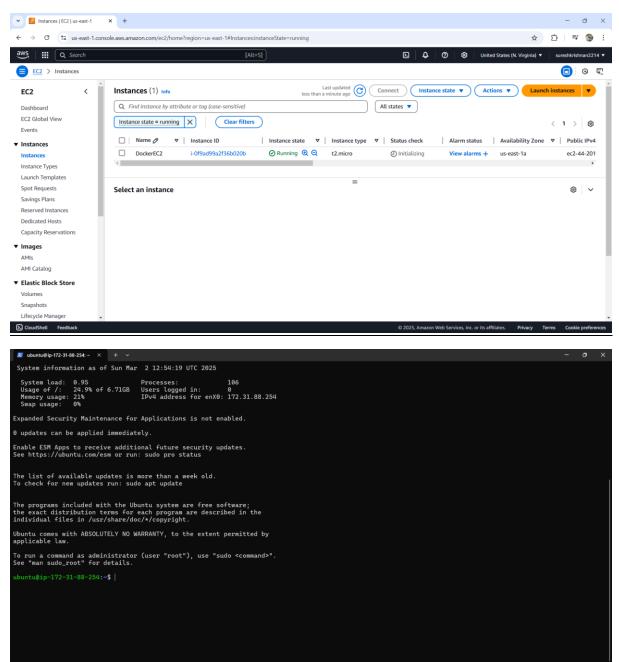
Docker Task -2

Creating EC2 Instance:



Installing Docker:

```
Unpacking dos-root-data (2020971801-bubuntu8.24.84.1) ...

Selecting previously unselected package dosmaxq-base.
Preparing to unpack .../5-dosmaxq-base. 2.99-2buld2_amd64.deb ...
Unpacking dosmaxq-base (2.99-2buld2) ...

Selecting previously unselected package docker.io.
Preparing to unpack .../5-dosmaxq-base (2.99-2buld2) ...

Selecting previously unselected package docker.io.
Preparing to unpack .../5-dosmaxq-base (2.90-2buld2) ...

Selecting previously unselected package dubuntu-24.84.1_amd64.deb ...

Selecting previously unselected package dubuntu-24.84.1_amd64.deb ...

Selecting previously unselected package ubuntu-24.84.1_amd64.deb ...

Selecting previously unselected package ubuntu-24.84.1_amd64.deb ...

Selecting up for unpack .../7-doubuntual.24.84.1_amd64.deb ...

Selecting up for unpack .../7-doubuntual.24.84.1_amd64.deb ...

Setting up for unpack .../1-doubuntual.24.1_amd64.deb ....

Setting up for unpack .../1-doubuntual.
```

Installing Docker Compose File:

```
Unpacking python3-docker (5.9.3-lubuntul.1) ...
Selecting previously unselected package python3-dockerpty.
Preparing to unpack .../2-python3-dockerpty.0.4.1-5.all.deb ...
Unpacking python3-dockery (0.4.1-5) ...
Selecting previously unselected package python3-dockerpty.0.4.1-5.all.deb ...
Unpacking python3-dockery (0.4.1-5) ...
Selecting previously unselected package python3-dockery ...
Preparing to unpack .../4-python3-dockery ...
Preparing to unpack .../6-python3-dockery ...
Preparing to unpack .../6-python3-dockery ...
Preparing to unpack .../6-python3-compose ...

Selecting up python3-dockery (0.4.1-5) ...

Setting up python3-dockery (0.4.1-5) ...
```

Creating Project:

Creating Docker File:

```
ubuntu@ip-172-31-88-254: ~/ ×
ubuntu@ip-172-31-88-254:~$ mkdir myproject
ubuntu@ip-172-31-88-254:~$ cd myproject
ubuntu@ip-172-31-88-254:~/myproject$ vi Dockerfile
ubuntu@ip-172-31-88-254:~/myproject$ cat Dockerfile
# Use the official Python image
FROM python:3.9
# Set the working directory
WORKDIR /app
# Copy the application files
COPY app /app
# Install dependencies
RUN pip install -r requirements.txt
# Expose the port Flask will run on
EXPOSE 5000
# Run the application
CMD ["python", "server.py"]
ubuntu@ip-172-31-88-254:~/myproject$
```

Creating Docker-Compose.yml:

Build & Running Docker Container:

Accessing the Website:

