

Installed docker-compose in the Ec2

```
root@ip-172-31-12-212:~/webhost/html# docker-compose --version
docker-compose version 1.29.2, build unknown
root@ip-172-31-12-212:~/webhost/html# 
```

Created a Directory named webhost and placed the Dockerfile,docker-compose and html file

```
root@ip-172-31-12-212:~/webhost# ls -rlt
total 16
-rw-r--r-- 1 root root 761 Nov 29 09:22 1
-rw-r--r-- 1 root root 761 Nov 29 09:23 index.html
-rw-r--r-- 1 root root 104 Nov 29 09:24 Dockerfile
-rw-r--r-- 1 root root 134 Nov 29 09:24 docker-compose.yml
root@ip-172-31-12-212:~/webhost# 
```

```
root@ip-172-31-12-212:~/webhost# cat docker-compose.yml
version: '3.8'

services:
  web:
    build: .
    container_name: static_web
    ports:
      - "8080:80"
root@ip-172-31-12-212:~/webhost# 
```

Initiated build using docker-compose:

```

root@ip-172-31-12-212:~/webhost/html# docker-compose up -d --build
Creating network "webhost_default" with the default driver
Building web
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
  Install the buildx component to build images with BuildKit:
    https://docs.docker.com/go/buildx/

Sending build context to Docker daemon 7.68kB
Step 1/4 : FROM nginx:alpine
--> d4918ca78576
Step 2/4 : RUN rm -rf /usr/share/nginx/html/*
--> Using cache
--> 981898cd0b6b
Step 3/4 : COPY ./html /usr/share/nginx/html
--> aa83e71767e9
Step 4/4 : EXPOSE 80
--> Running in 4c6d672d13a5
--> Removed intermediate container 4c6d672d13a5
--> a65adc12efd8
Successfully built a65adc12efd8
Successfully tagged webhost_web:latest
Creating static_web ... done
root@ip-172-31-12-212:~/webhost/html# cat index.html

```

```

root@ip-172-31-12-212:~/webhost/html# docker images
REPOSITORY      TAG      IMAGE ID      CREATED      SIZE
webhost_web     latest   a65adc12efd8  6 minutes ago  52.8MB
<none>          <none>   5a720aa8d4ca  3 hours ago   52.8MB
<none>          <none>   33ed3d53689c  4 hours ago   52.8MB
nginx           alpine   d4918ca78576  4 weeks ago   52.8MB
root@ip-172-31-12-212:~/webhost/html# docker-compose ps
          Name      Command      State      Ports
----- 
static_web   /docker-entrypoint.sh ngn ...   up      0.0.0.0:80->80/tcp, :::80->80/tcp
root@ip-172-31-12-212:~/webhost/html# 

```

Launched webpage

The screenshot shows a web browser window with the following details:

- Address Bar:** Shows the URL `13.203.105.215:8080`.
- Page Content:**
 - Title:** Senthamil
 - Contact Information:**
 - Profession:** Associate consultant
 - Email:** senthamil@govi.com | **Phone:** +91 123456
 - Skills:**
 - Linux
 - AWS
 - Devops
 - Experience:**
 - Linux administration, Storage administration.