Docker Assignment

HTML:

```html
<!DOCTYPE html>
<html>
<body>

<h1 style="border:2px solid Tomato;">Personal Details</h1>
<p>

<b>Name:</b> Annith Kumar T<br>
<b>Place:</b> Trichy <br>
<b>Date:</b> 15/02/2023 <br>

</p>
</body>
</html>
```

DockerFile:

```
FROM ubuntu
RUN apt-get update && apt-get upgrade -y
RUN apt-get install -y nginx
EXPOSE 80
CMD ["nginx", "-g", "daemon off;"]
COPY  index.html /var/www/html/
```
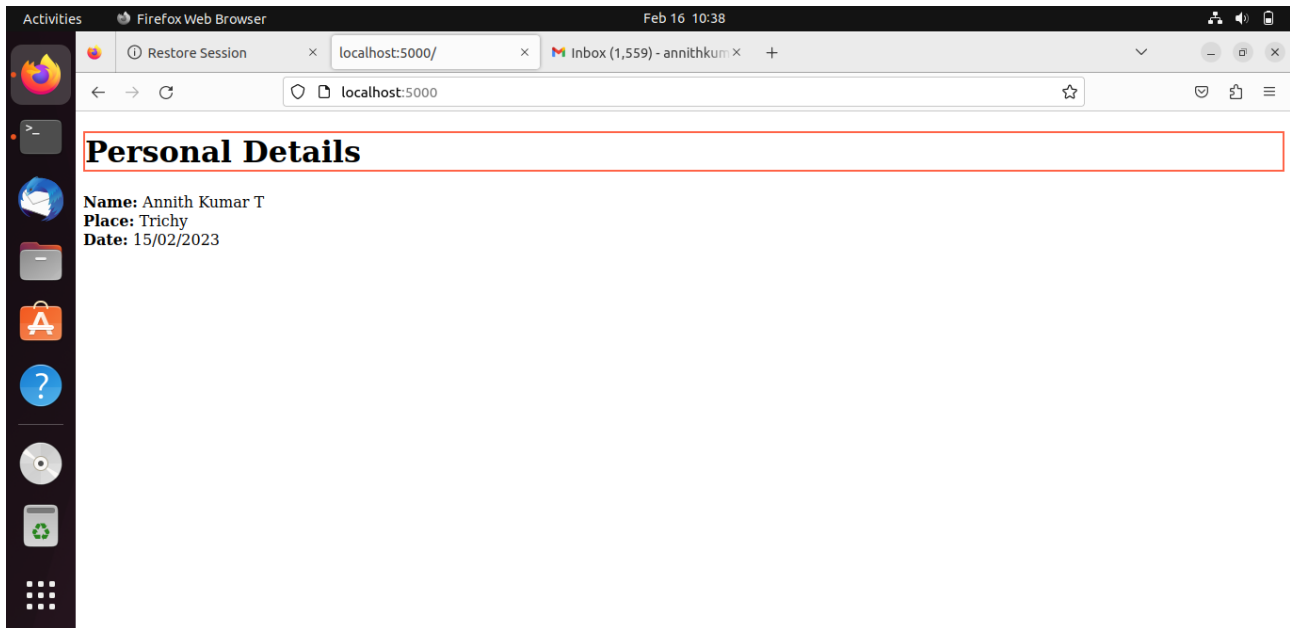
Docker-compose file :

```
version: '3'

services:
  web:
   build: ./
   ports:
     - "5000:80"
```

Dockerfile output:

Docker compose output :


```
        - "5000:80"
annith@ubuntu:~$ docker-compose up
Creating network "annith_default" with the default driver
Building web
Sending build context to Docker daemon  126.3MB
Step 1/6 : FROM ubuntu
 ---> 58db3edaf2be
Step 2/6 : RUN apt-get update && apt-get upgrade -y
 ---> Using cache
 ---> 766ccc7f79d5
Step 3/6 : RUN apt-get install -y nginx
 ---> Using cache
 ---> 3f88db97b7ac
Step 4/6 : EXPOSE 80
 ---> Using cache
 ---> 04cbc724bb27
Step 5/6 : CMD ["nginx", "-g", "daemon off;"]
 ---> Using cache
 ---> e1f691050401
Step 6/6 : COPY  index.html /var/www/html/
 ---> Using cache
 ---> c3052772f04d
Successfully built c3052772f04d
Successfully tagged annith_web:latest
```

```
annith@ubuntu:~$ docker ps -a
CONTAINER ID   IMAGE         COMMAND             CREATED        STATUS         PORTS                                          NAMES
0970ed776d3a   annith_web    "nginx -g 'daemon of…"   5 minutes ago   Up 4 minutes   0.0.0.0:5000->80/tcp, :::5000->80/tcp   annit
h_web_1
```

Personal Details

Name: Annith Kumar T
Place: Trichy
Date: 15/02/2023