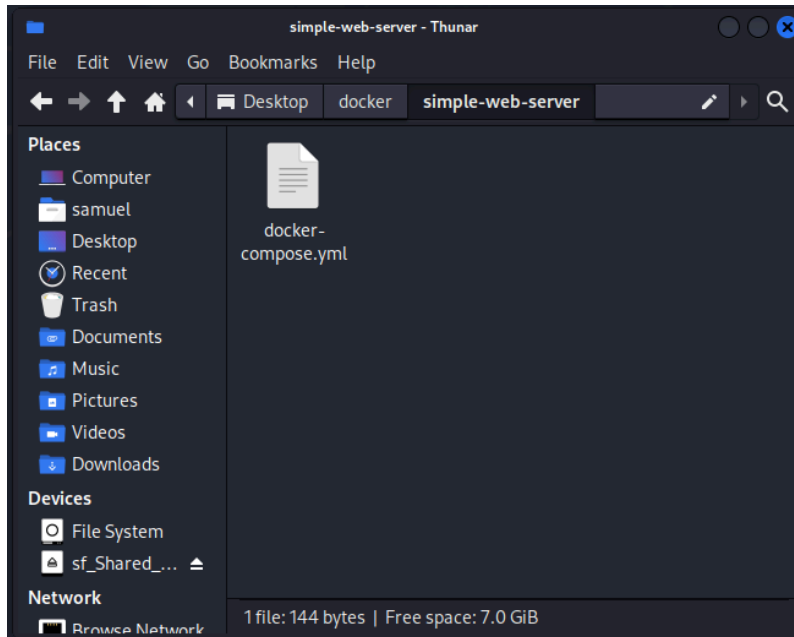**Simple Web Server**

Introduction:
This report outlines how to set up a Simple Nginx server using Docker
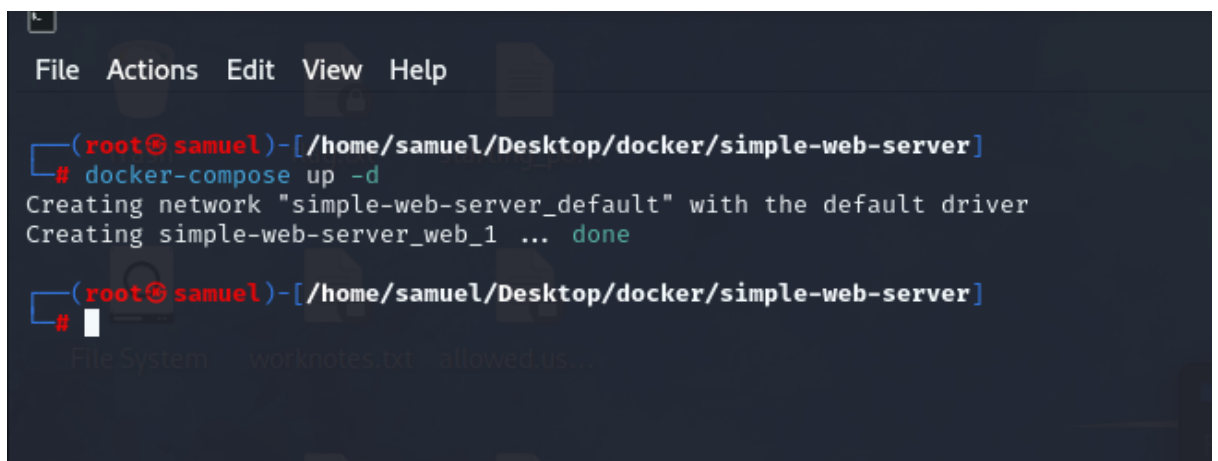
Tasks

1. Creating directory simple-web-server and creating docker-compose file
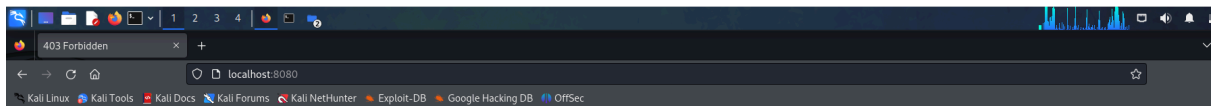   **"docker-compose.yml"**

2. Starting the Service: Navigate to the simple-web-server directory in your terminal.
   Run the following command to start your Docker Compose service:
   ```
   docker-compose up -d
   ```


3. Accessing Your Web Server: Open your preferred web browser and go to
   http://localhost:8080. You should see your HTML page served by the Nginx web
   server.

403 Forbidden

nginx/1.25.4

4. Creating an index.html file:


```
┌──(root💀samuel)-[/home/samuel/Desktop/docker/simple-web-server]
└─# ls
docker-compose.yml   html

┌──(root💀samuel)-[/home/samuel/Desktop/docker/simple-web-server]
└─# cd html

┌──(root💀samuel)-[/home/…/Desktop/docker/simple-web-server/html]
└─# touch index.html

┌──(root💀samuel)-[/home/…/Desktop/docker/simple-web-server/html]
└─#
```
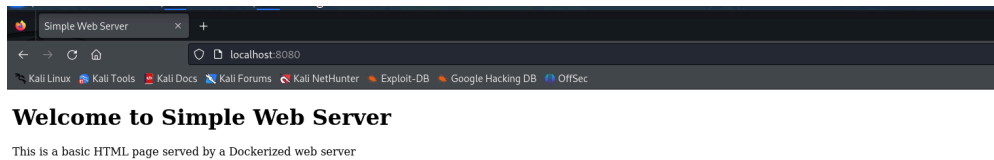


```
┌──(root💀samuel)-[/home/…/Desktop/docker/simple-web-server/html]
└─# gedit index.html

(gedit:119608): tepl-WARNING **: 00:16:58.872: Style scheme 'Kali-Dark' cannot be found, falling back to 'Kali-Dark' default style scheme.

(gedit:119608): tepl-WARNING **: 00:16:58.874: Default style scheme 'Kali-Dark' cannot be found, check your installation.
```


index.html
/home/samuel/Desktop/docker/simple-web-server/html

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Simple Web Server</title>
7 </head>
8 <body>
9     <h1>Welcome to Simple Web Server</h1>
10     <p>This is a basic HTML page served by a Dockerized web server</p>
11 </body>
12 </html>
13
```

Welcome to Simple Web Server

This is a basic HTML page served by a Dockerized web server

5. Top Stop the Web Server use the command `docker-compose down`