Final Deliverable

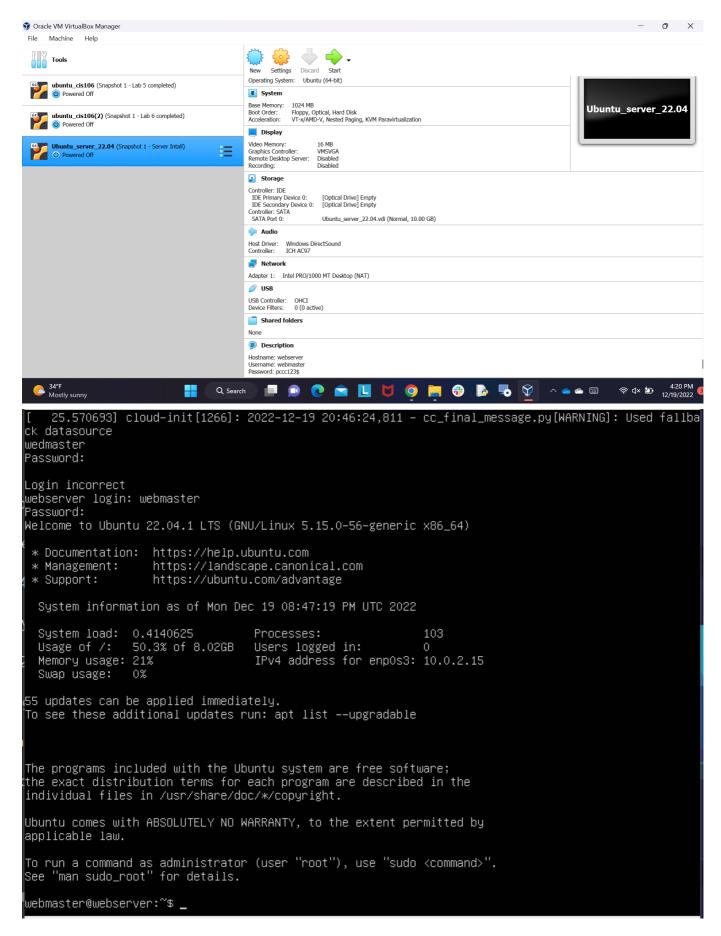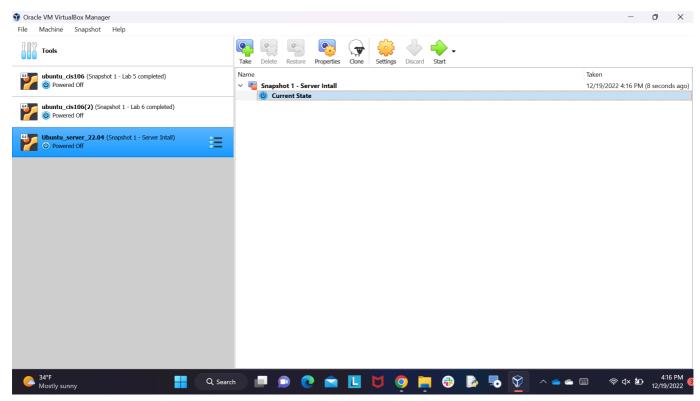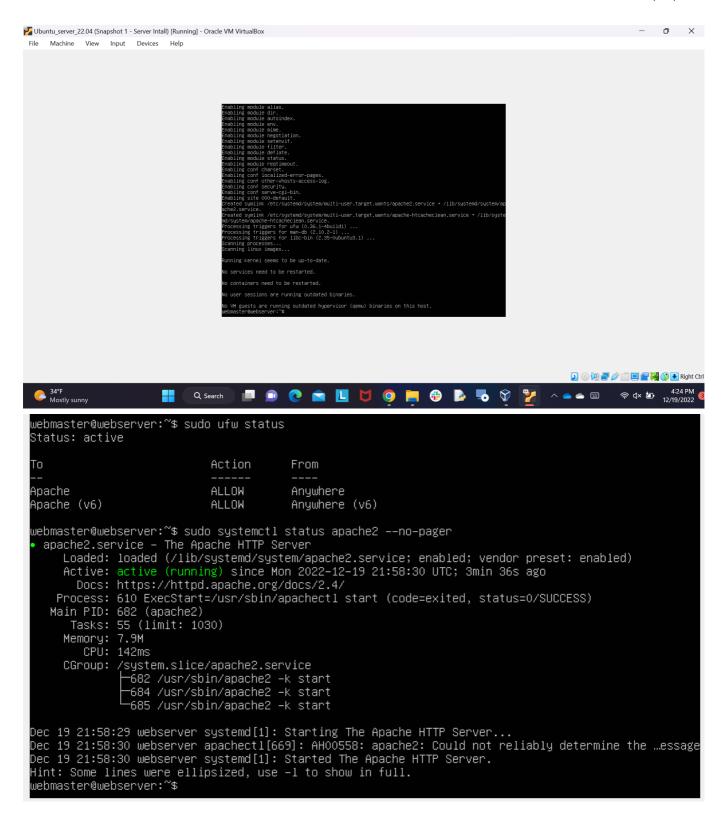## Video 1

I had to create a separate vm (Ubuntu_22.04). In there, I created my username (webmaster) and hostname (webserver). The first image shows the specs of the new vm.
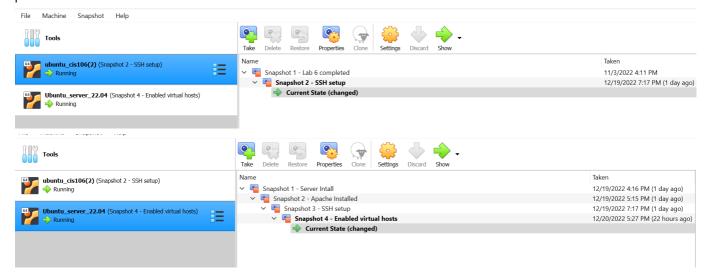
Video 2

```
webmaster@webserver:~$ sudo ufw status
Status: active

To                         Action      From
--                         ------      ----
Apache                     ALLOW       Anywhere
Apache (v6)                ALLOW       Anywhere (v6)

webmaster@webserver:~$ sudo systemctl status apache2 --no-pager
● apache2.service - The Apache HTTP Server
     Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
     Active: active (running) since Mon 2022-12-19 21:58:30 UTC; 3min 36s ago
       Docs: https://httpd.apache.org/docs/2.4/
    Process: 610 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
   Main PID: 682 (apache2)
      Tasks: 55 (limit: 1030)
     Memory: 7.9M
        CPU: 142ms
     CGroup: /system.slice/apache2.service
             ├─682 /usr/sbin/apache2 -k start
             ├─684 /usr/sbin/apache2 -k start
             └─685 /usr/sbin/apache2 -k start

Dec 19 21:58:29 webserver systemd[1]: Starting The Apache HTTP Server...
Dec 19 21:58:30 webserver apachectl[669]: AH00558: apache2: Could not reliably determine the …essage
Dec 19 21:58:30 webserver systemd[1]: Started The Apache HTTP Server.
Hint: Some lines were ellipsized, use -l to show in full.
webmaster@webserver:~$
```
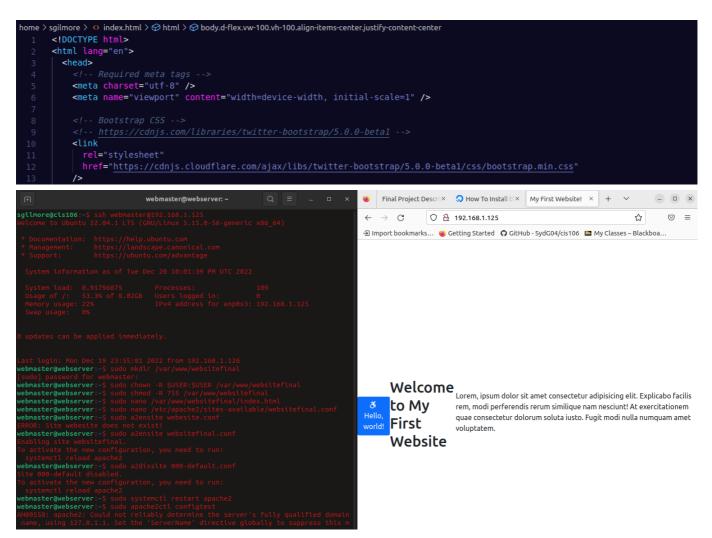
In the first image, I have successfully installed Apache with the command: `sudo apt install apache2 -y`. In the second and third image, you can see that Apache is up and running. In the last image, I took a snapshot of my vm to save my progress of installing Apache.

Video 3

I set up SSH between two of my vms (my regular one and the one I used to set up my user and hostname). I can now work on my website from my regular vm. However, for some reason, I still needed to use my ip to switch between servers. But personally, I don't mind copying and pasting my ip. And like always, I save my progress with a snapshot.

Video 4

I followed the final steps to host my website on Ubuntu. I enabled the virtual hosts, so that every time I search up my ip address, my website pops up in the sample format.

Video 5

```
index.html > 🖺 style
1   <!DOCTYPE html>
2   <html lang="en">
3     <head>
4       <meta charset="UTF-8" />
5       <meta http-equiv="X-UA-Compatible" content="IE=edge" />
6       <meta name="viewport" content="width=device-width, initial-scale=1.0" />
7       <!--<link rel="stylesheet" href="styles.css">-->
8       <title>Hello World!</title>
9     </head>
10    <nav>
11      <ul>
12        <li><a href="#Intro" class="logo">Sydney</a></li>
13          <li><a href="#AboutMe">About Me</a></li>
14          <li><a href="#Home">Home</a></li>
15      </ul>
16    </nav>
17    <body>
18      <main>
19      <section>
20          <h1 id="Intro">Welcome to My Website!</h1>
21      </section>
22      <section class="intro">
23          <aside class="welcome_image">
24              <img src="pexels-curioso-photography-4374743.jpg" alt="Picture of a Dark Blue Ocean" class="Ocean-i
```

Sydney   Home   About Me

Welcome to My Website!

Picture of a Dark Blue Ocean

Viverra mauris!

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Nisi lacus sed viverra tellus in hac habitasse platea. At imperdiet dui accumsan sit amet nulla facilisi morbi tempus. Libero volutpat sed cras ornare arcu dui. Egestas maecenas pharetra convallis posuere. Diam volutpat commodo sed egestas.

Sydney   Home   About Me

Welcome to My Website!

Viverra mauris!

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Nisi lacus sed viverra tellus in hac habitasse platea. At imperdiet dui accumsan sit amet nulla facilisi morbi tempus. Libero volutpat sed cras ornare arcu dui. Egestas maecenas pharetra convallis posuere. Diam volutpat commodo sed egestas.

As a web dev major, I decided to take it upon myself to mess with HTML and CSS. The site may not be

perfect, but I do like the outcome. Unfortunately, I couldn't get the image to show despite curling the image in my Ubuntu server. Either way, I still like how it turned out and the last image will show what the site would have looked like with the image.

My website link "192.168.1.125"