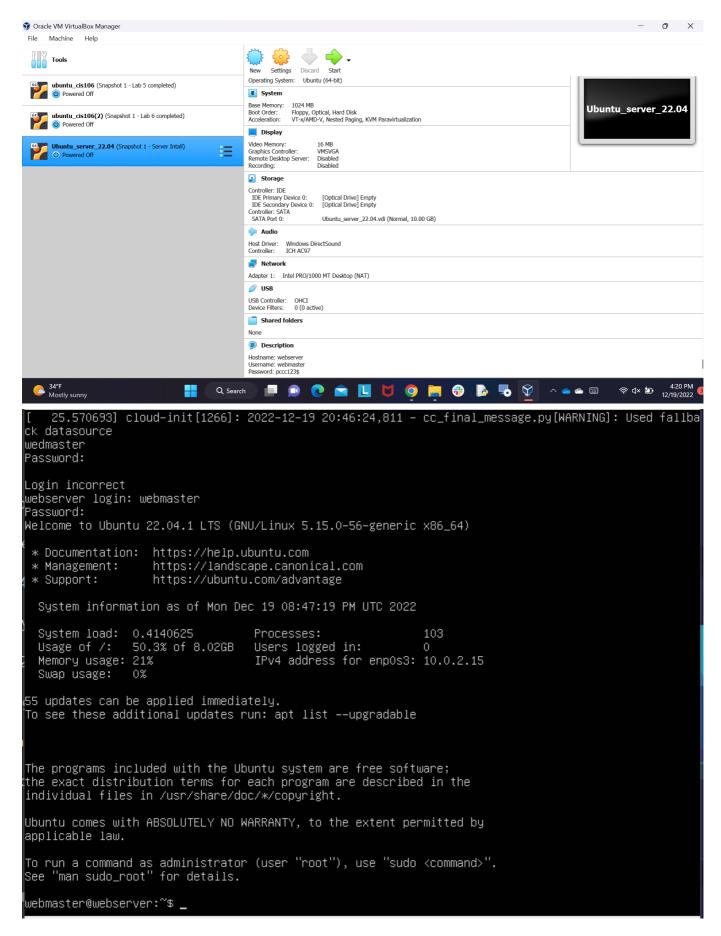
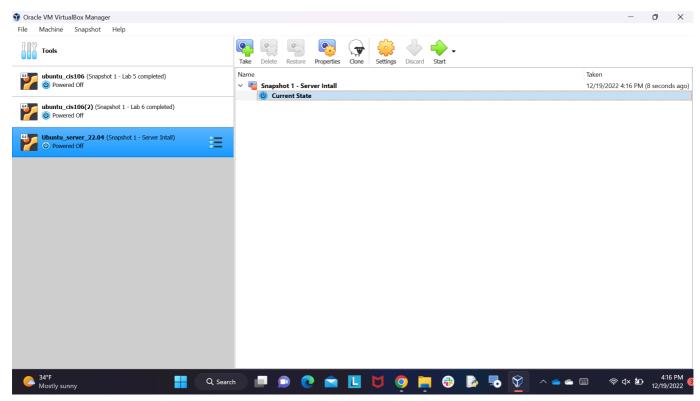
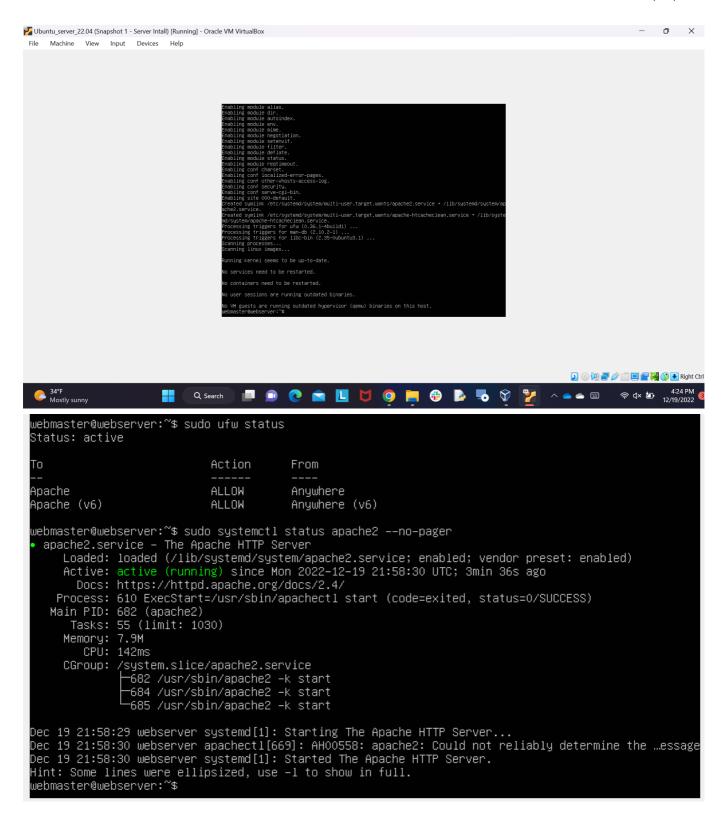
Final Deliverable





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.



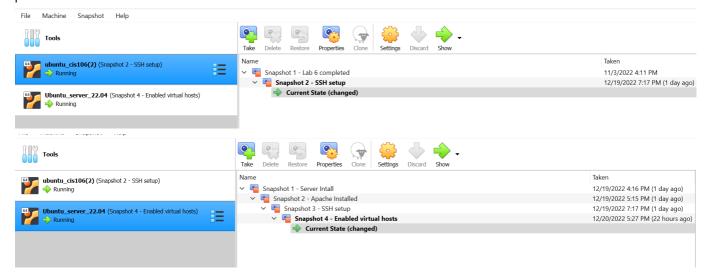


Apache2 Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at /var/www/html/index.html) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.



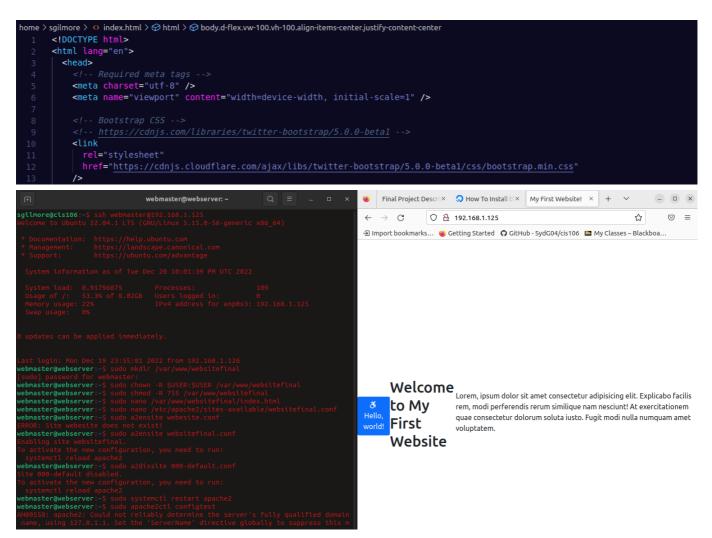
In the first image, I have successfully installed Apache with the command: sudo apt install apache2

-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.

```
webmaster@webserver:~$
webmaster@webserver:~$ sudo shutdown now
webmaster@webserver:~$ Connection to 192.168.1.125 closed by remote host.
sgilmore@cis106:
                                                                                                                             Taken
   ubuntu cis106(2) (Snapshot 2 - SSH setup)
                                                 Snapshot 1 - Server Intall
                                                                                                                             12/19/2022 4:16 PM (1 day ago)
                                                    Snapshot 2 - Apache Installed
                                                                                                                             12/19/2022 5:15 PM (1 day ago)
Ubuntu_server_22.04 (Snapshot 4 - Enabled virtual hosts)

Running
                                                         Snapshot 3 - SSH setup
                                                                                                                             12/19/2022 7:17 PM (1 day ago)
                                                        Snapshot 4 - Enabled virtual hosts
                                                                                                                             12/20/2022 5:27 PM (22 hours ago)
                                                           Current State (changed)
```

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.



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.

```
<!DOCTYPE html>
<html lang="en">
   <meta charset="UTF-8" />
   <meta http-equiv="X-UA-Compatible" content="IE=edge" />
   <title>Hello World!</title>
 </head>
 <nav>
   <l
     <a href="#Intro" class="logo">Sydney</a>
       <a href="#AboutMe">About Me</a>
       <a href="#Home">Home</a>
 </nav>
 <body>
   <section>
       <h1 id="Intro">Welcome to My Website!</h1>
   </section>
       <aside class="welcome image">
           <img src="pexels-curioso-photography-4374743.jpg" alt="Picture of a Dark Blue Ocean" class="Ocean-ing")</pre>
```

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

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.