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Basic webserver

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Basic webserver on ubuntu

Creating this web server was very challenging because I ran into issues I couldn’t resolve. First thing I did when trying to install a basic web server was use the command **mkdir apache\_folder** to create a directory specifically for all the Apache-related files



After making the directory I used the command **vi dockerfile** to create a docker file within the directory. Once I made the file and the editor opened up I added the following commands from the screenshot below into the new docker file. Once I inserted that into the file I then saved and exited the editor.

A screenshot of a computer

Description automatically generated with medium confidence

Next, I used the command **docker build -t apache\_image:1.0 .** to build the docker image

Text

Description automatically generated

In this screenshot below I used the command **docker image** to view that the image was created

Text

Description automatically generated

This is where I had trouble with my web server because I used the command **docker run --name myapache -d -p 80:80 apache\_image:1.0** to run the docker image as a container but it kept saying that it was unable to find the image. And due to time, I was unable to figure out the solution to this problem. I’m sure once this problem is fixing the web server would’ve been created.

Graphical user interface, text

Description automatically generated

Work cited

<https://www.digitalocean.com/community/tutorials/apache-web-server-dockerfile>