



# Activity D3: Setting Up a Web Server

Re-submit Assignment

**Due** Jan 11 by 11:59pm      **Points** 5      **Submitting** a file upload

For this assignment, do the following:

1. Follow [step 7 from the initial server setup tutorial](https://www.digitalocean.com/community/tutorials/initial-server-setup-with-ubuntu-16-04#step-seven-%E2%80%94-set-up-a-basic-firewall) (<https://www.digitalocean.com/community/tutorials/initial-server-setup-with-ubuntu-16-04#step-seven-%E2%80%94-set-up-a-basic-firewall>) to setup a firewall.

**Be sure to follow these steps very carefully or you will not be able to use ssh to login to your server!**

One way to avoid being locked out is to open a separate terminal after you make some configuration changes with the firewall and make sure you can login from that new terminal before you logout of your current one.

2. Follow [this tutorial to setup the nginx web server](https://www.digitalocean.com/community/tutorials/how-to-install-nginx-on-ubuntu-16-04) (<https://www.digitalocean.com/community/tutorials/how-to-install-nginx-on-ubuntu-16-04>) on your server. **Choose "Nginx Full" for your configuration**, because we will be setting up a secure server later.
3. In the /var/www/html directory, create or place a basic HTML file. If you want the file to be shown by default, name it "index.html". You can use the following code as a template:


















```
<!DOCTYPE html>
<html>
<head>
<title>Daniel's Web Server</title>
</head>
<body>

<h1>Introduction</h1>
<p>Hi, my name is Daniel Zappala</p>

</body>
</html>
```

Edit this file to replace my name with your name. You can use Vim, Nano, Emacs, or another command line text editor to create and edit files on your server.

4. Turn in the assignment by submitting a screenshot of your website, showing the URL with your IP address, for example: <http://45.55.164.105> ~~.(http://45.55.164.105)~~

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✓ 	(https://byu.instructure.com/courses/5724/modules/items/362817)
✓ 	(https://byu.instructure.com/courses/5724/modules/items/362818)
✓ 	(https://byu.instructure.com/courses/5724/modules/items/370432)
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