

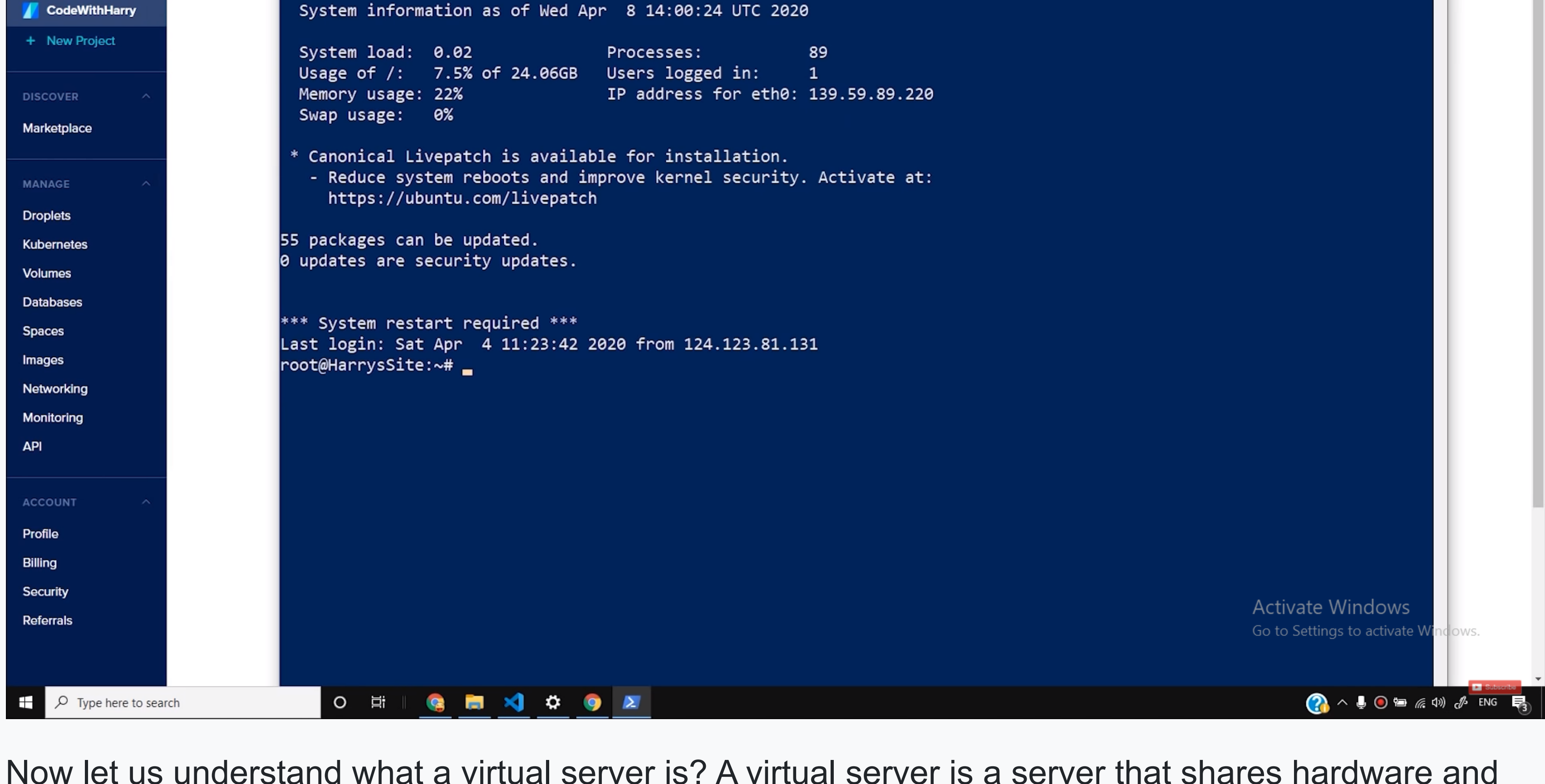


## Hosting Tutorial: Host Multiple Websites On One Single Hosting Server | Web Development Tutorials#96

### Hosting Tutorial- Host Multiple Websites on One Single Hosting Server

In this tutorial we will discuss how we can host multiple virtual websites on a single server and generate online income through it.

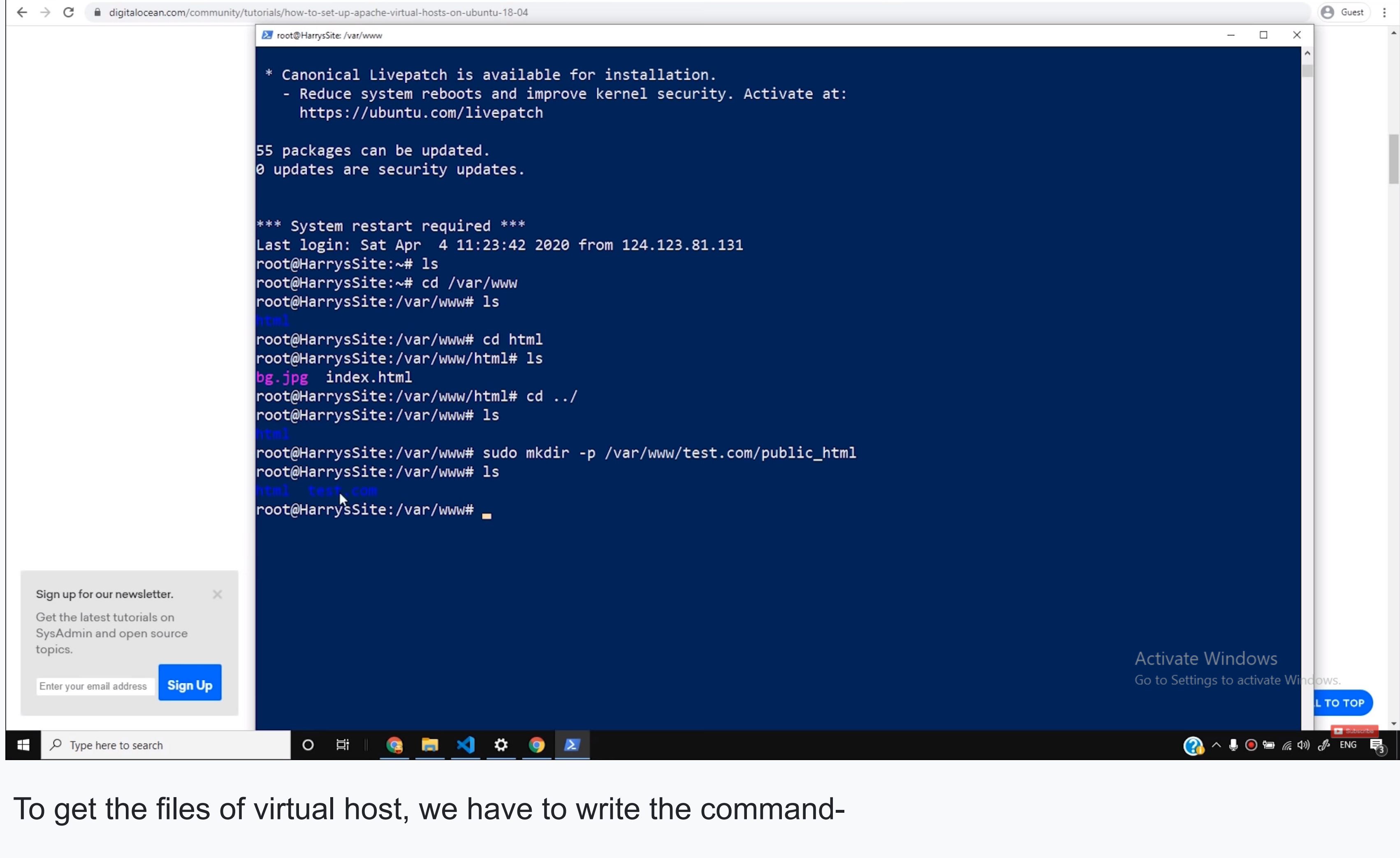
Let us first login to our powershell window by writing the root id and password. We will get the output as follows-



Now let us understand what a virtual server is? A virtual server is a server that shares hardware and software resources with other operating systems (OS), versus dedicated servers. Because they are cost-effective and provide faster resource control, virtual servers are popular in Web hosting environments.

In simpler words, let us assume that we have multiple domains and we want to point all these domains on a single server. In such a case, virtual servers come into existence.

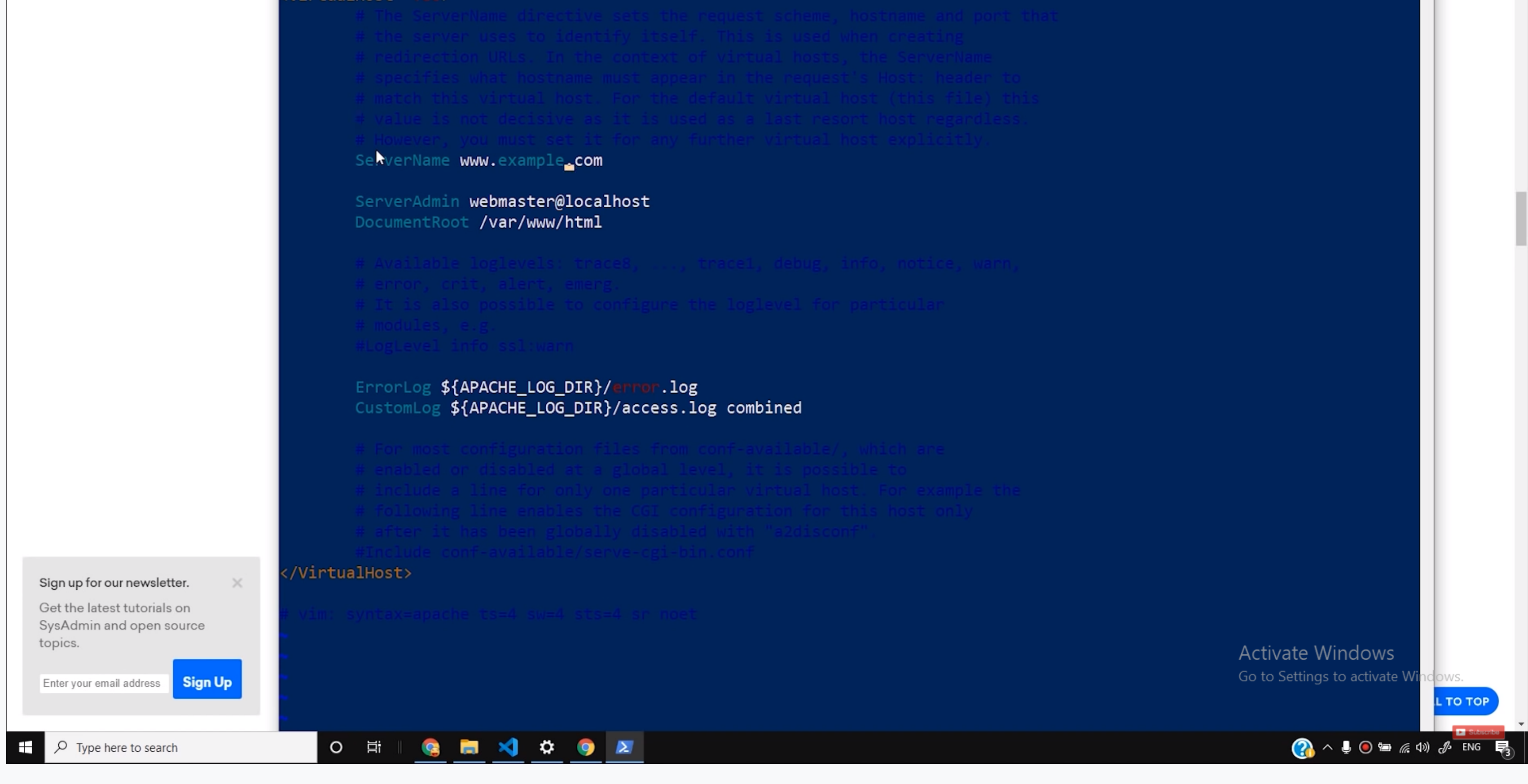
However, we can find all the steps to host our virtual server [here](#). To make a complete folder like structure of the path, we can use the command **mkdir** as follows-



To get the files of virtual host, we have to write the command-

**cd/ etc/ apache2/ sites-available**

Now after editing the file with the **vim** command, we can expect the output as follows-



We then need to change the server name with the domain name and change the name of the document **root**.

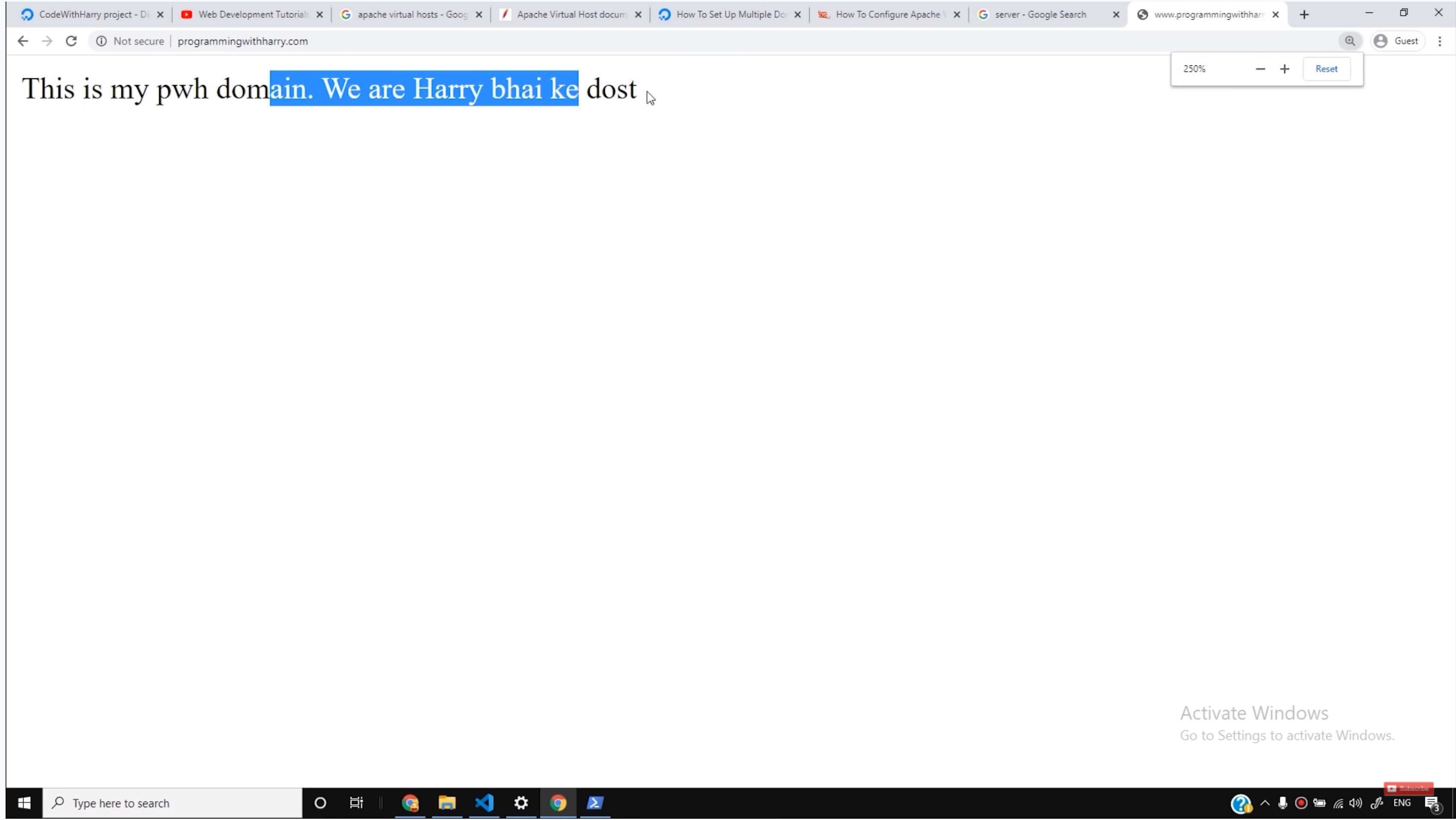
After saving the file, we need to write- **sudo a2ensite**. This command enables the con file. The complete command will look as follows-

**Sudo a2ensite test.cocom.conf**

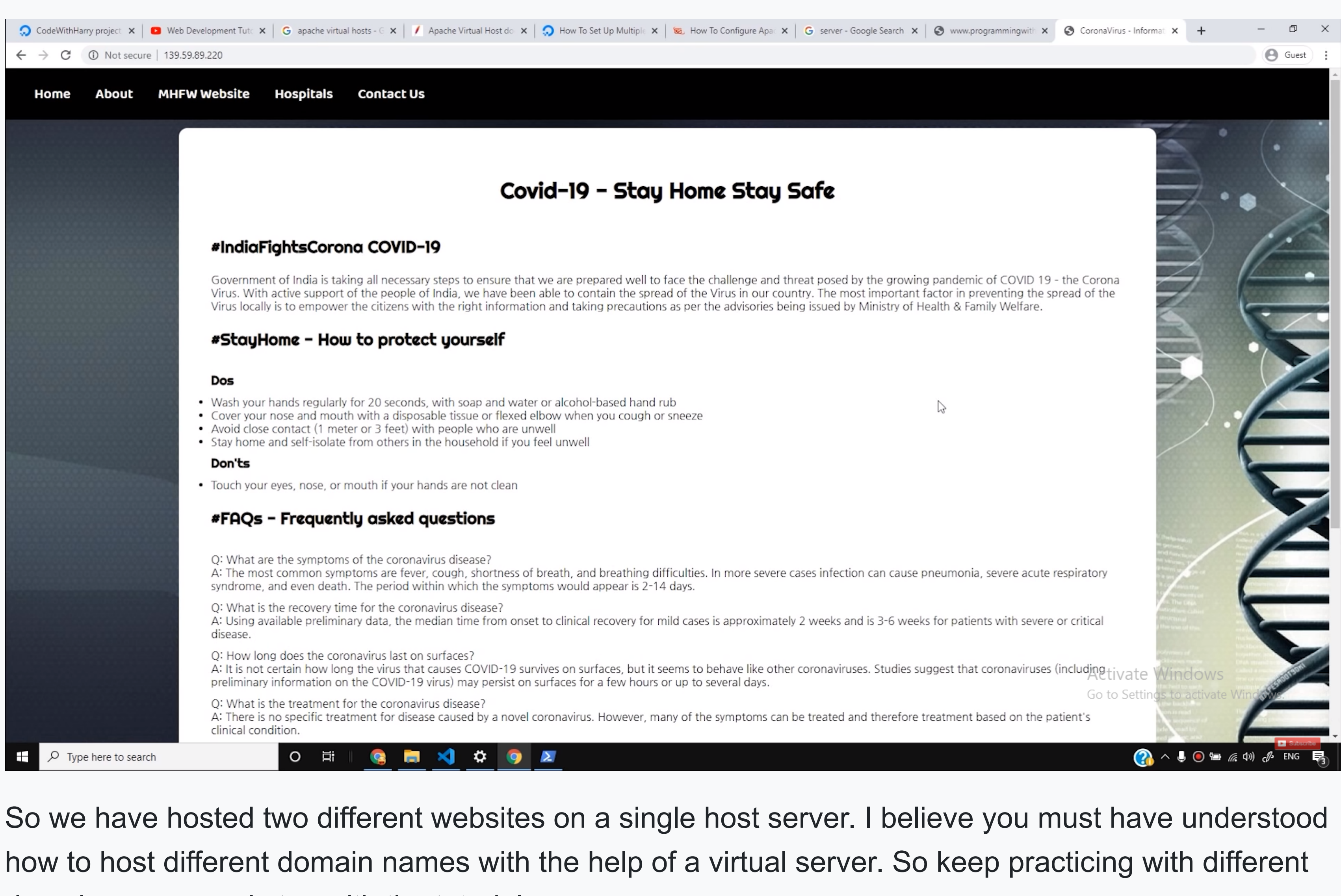
After writing this, our file will be enabled.

Now we need to make a **pwh** folder under **var www**. To make the file, we need to write **mkdir pwh.com**.

And if we now go to our domain, we will get the message that we wrote as follows-



And if we go to our original ip address, we get the output as follows-



So we have hosted two different websites on a single host server. I believe you must have understood how to host different domain names with the help of a virtual server. So keep practicing with different domain names and stay with the tutorials.