To host two websites using Apache server on Ubuntu, you can follow the steps below:

1. Install Apache server:

sqlCopy code

sudo apt-get update sudo apt-get install apache2

1. Create directories for your websites:

bashCopy code

sudo mkdir -p /var/www/site1.com/public\_html sudo mkdir -p /var/www/site2.com/public\_html

1. Set permissions for the directories:

bashCopy code

sudo chown -R $USER:$USER /var/www/site1.com/public\_html sudo chown -R $USER:$USER /var/www/site2.com/public\_html sudo chmod -R 755 /var/www

1. Create index.html files for your websites:

bashCopy code

echo "Site 1" | sudo tee /var/www/site1.com/public\_html/index.html echo "Site 2" | sudo tee /var/www/site2.com/public\_html/index.html

1. Create virtual host files for your websites:

bashCopy code

sudo cp /etc/apache2/sites-available/000-default.conf /etc/apache2/sites-available/site1.com.conf sudo cp /etc/apache2/sites-available/000-default.conf /etc/apache2/sites-available/site2.com.conf

1. Edit the virtual host files:

bashCopy code

sudo nano /etc/apache2/sites-available/site1.com.conf

Replace the contents with the following:

bashCopy code

<VirtualHost \*:80> ServerAdmin admin@site1.com ServerName site1.com ServerAlias www.site1.com DocumentRoot /var/www/site1.com/public\_html ErrorLog ${APACHE\_LOG\_DIR}/error.log CustomLog ${APACHE\_LOG\_DIR}/access.log combined </VirtualHost>

Save the file and exit.

Repeat for site2.com:

bashCopy code

sudo nano /etc/apache2/sites-available/site2.com.conf

Replace the contents with the following:

bashCopy code

<VirtualHost \*:80> ServerAdmin admin@site2.com ServerName site2.com ServerAlias www.site2.com DocumentRoot /var/www/site2.com/public\_html ErrorLog ${APACHE\_LOG\_DIR}/error.log CustomLog ${APACHE\_LOG\_DIR}/access.log combined </VirtualHost>

Save the file and exit.

1. Enable the virtual hosts:

Copy code

sudo a2ensite site1.com.conf sudo a2ensite site2.com.conf

1. Disable the default virtual host:

arduinoCopy code

sudo a2dissite 000-default.conf

1. Restart Apache server:

Copy code

sudo systemctl restart apache2

Now you should be able to access both websites by their respective URLs.