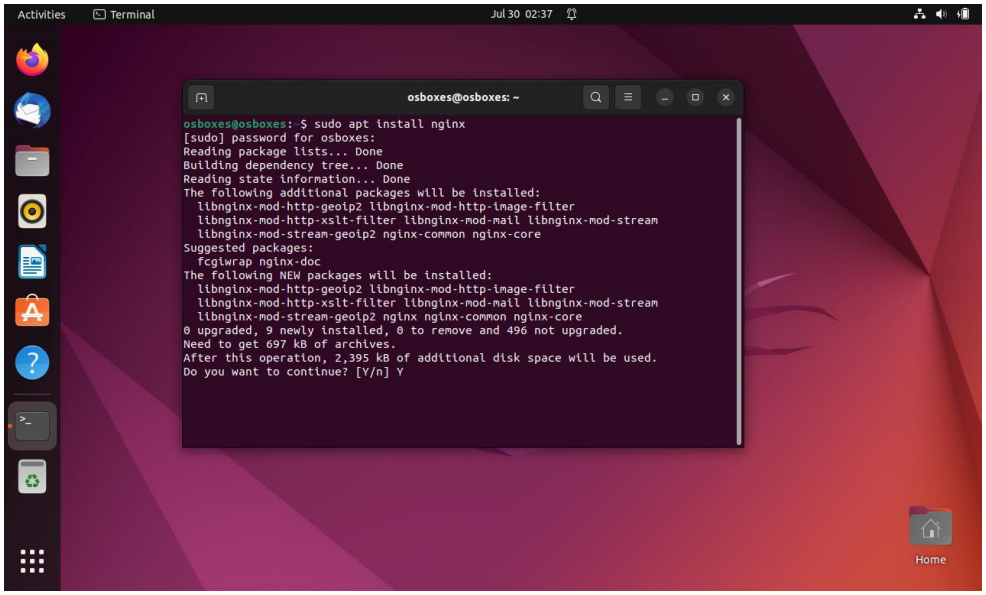
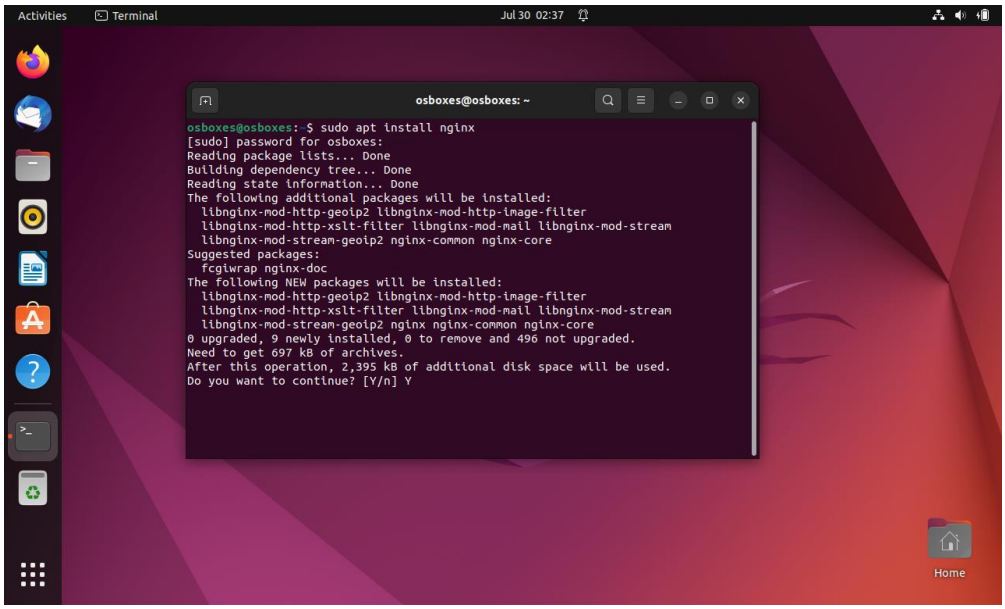
# Deploying 'awesomeweb' Website on Localhost with  Nginx In Ubuntu Machine

## Step 1: Install Nginx

Open a terminal and run the following command to install Nginx: **sudo apt install nginx**

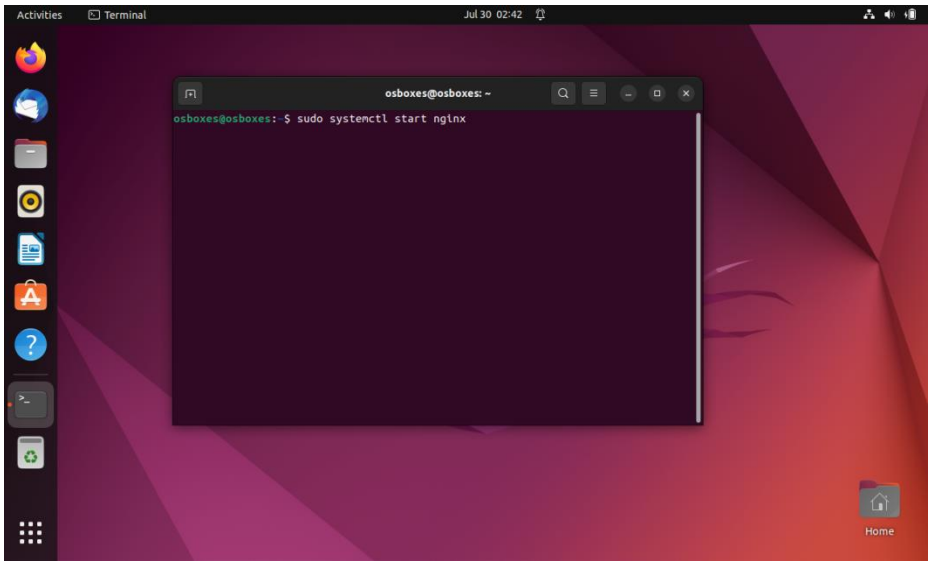


**Step 2: Start Nginx**

After Nginx is installed, start the Nginx service with the following command:

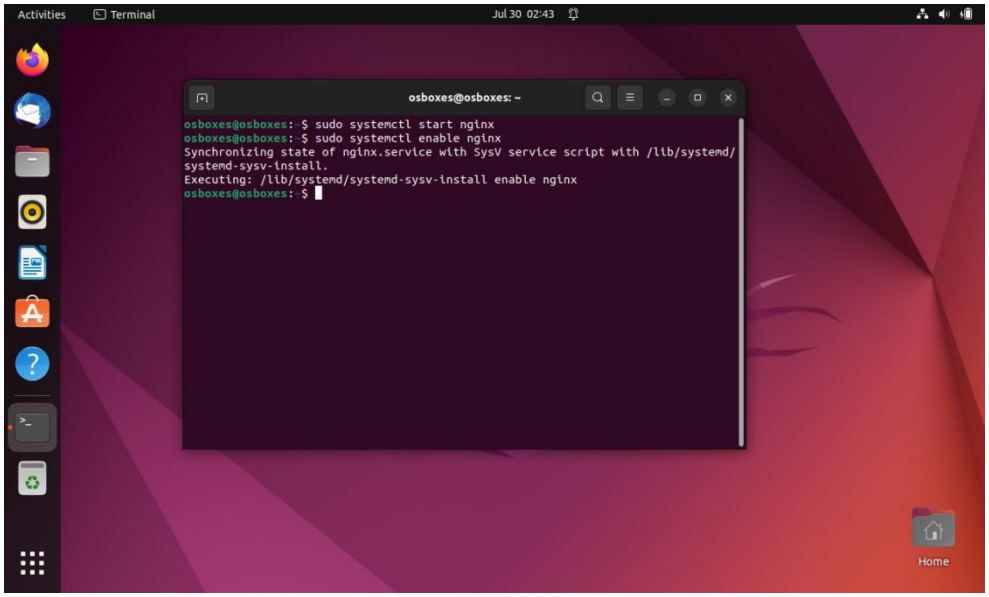
**sudo systemctl start nginx**




**Step 3: Enable Nginx**

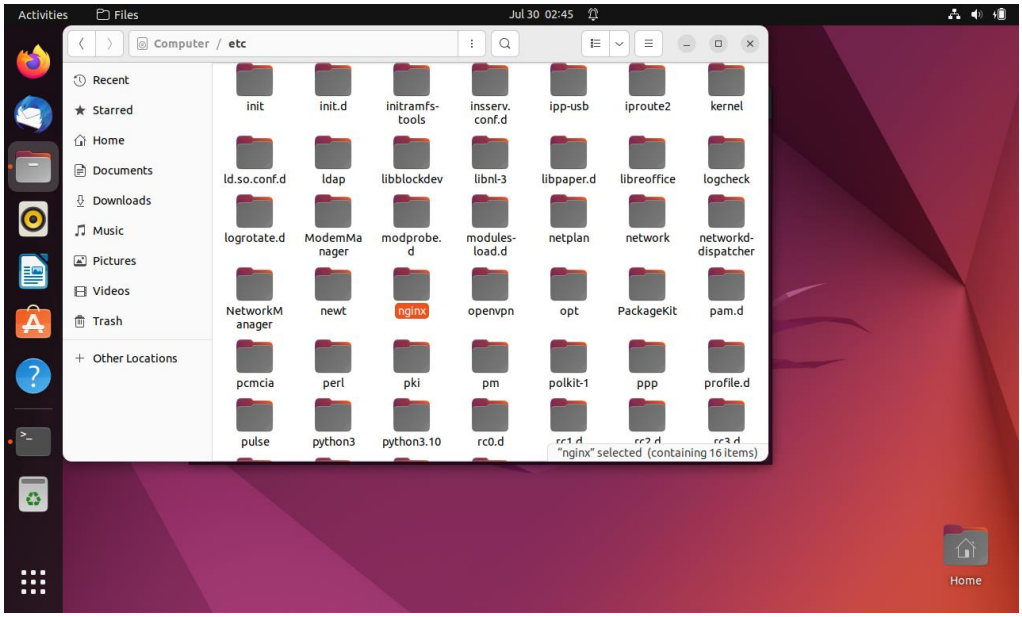
To ensure that Nginx starts automatically when the system boots, run the following command:

**sudo systemctl enable nginx**



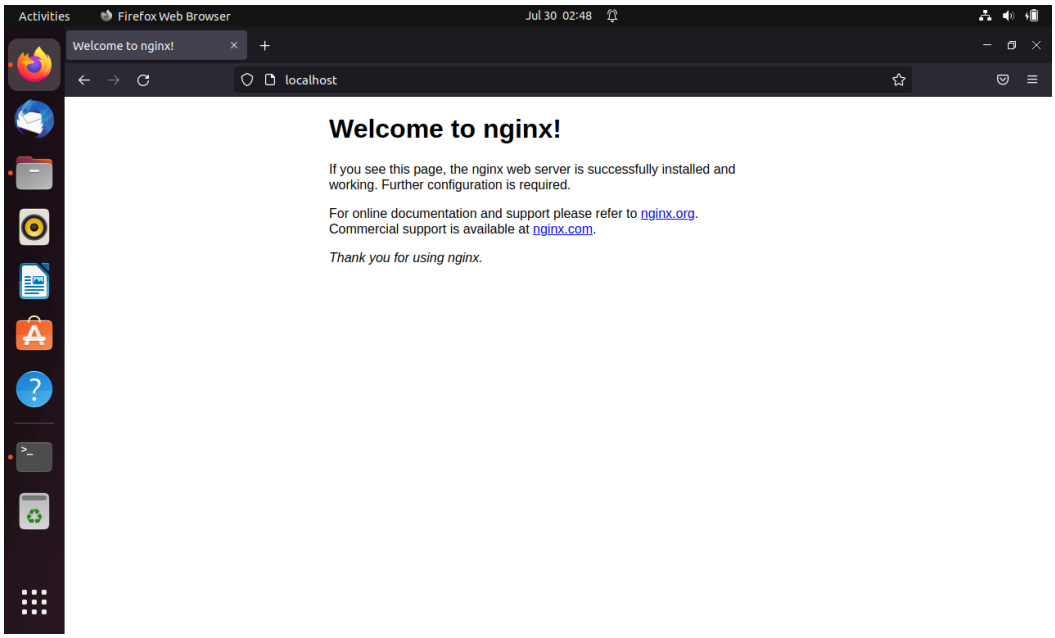
### Step 4: Verify Nginx Installation

You can check if Nginx is installed by browsing to the Nginx directory. Open the Files, go to "Other Locations," then navigate to "Computer" and finally "etc." There, you should find the Nginx folder.



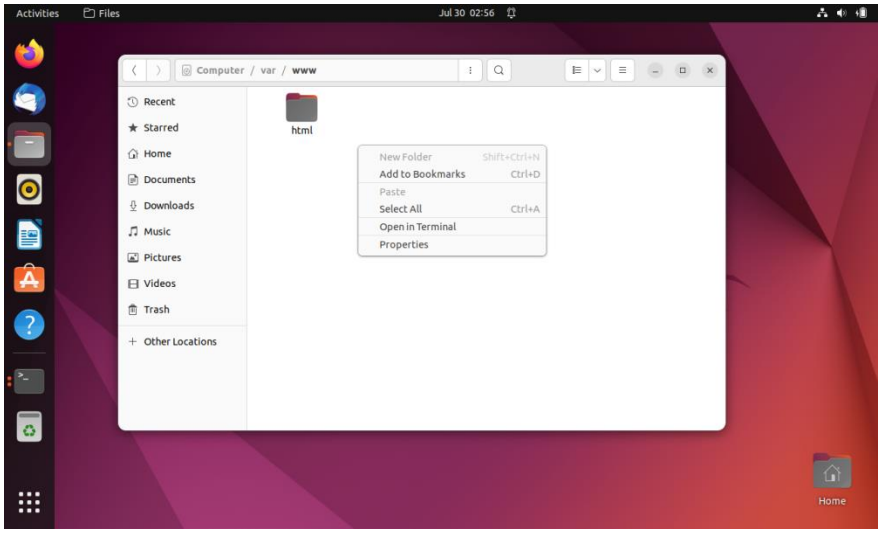

### Step 5: Verify Nginx is Running

Open your web browser and type **localhost** or **http://localhost** into the address bar. If Nginx is working correctly, you should see the default Nginx welcome page.

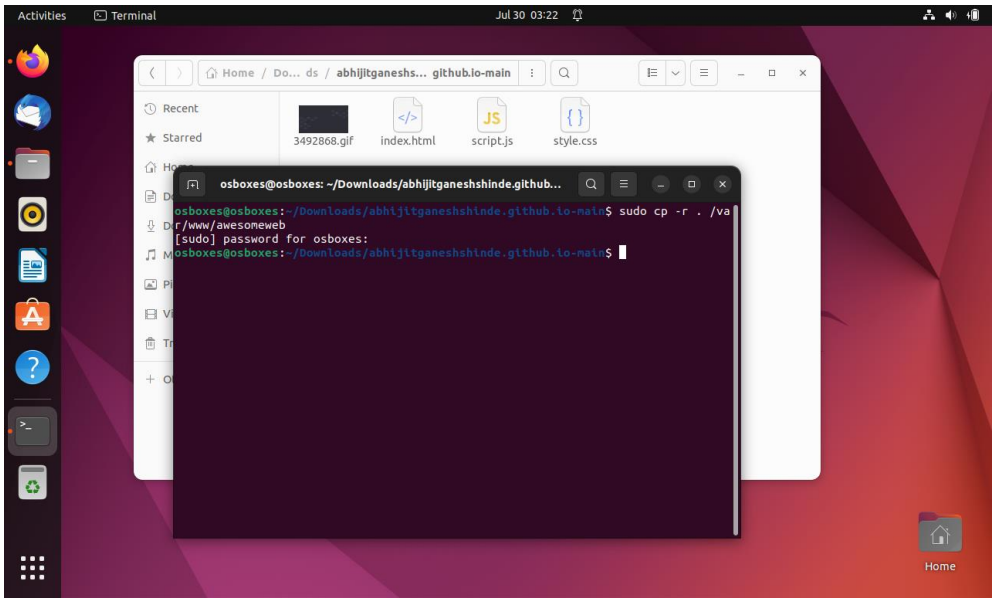


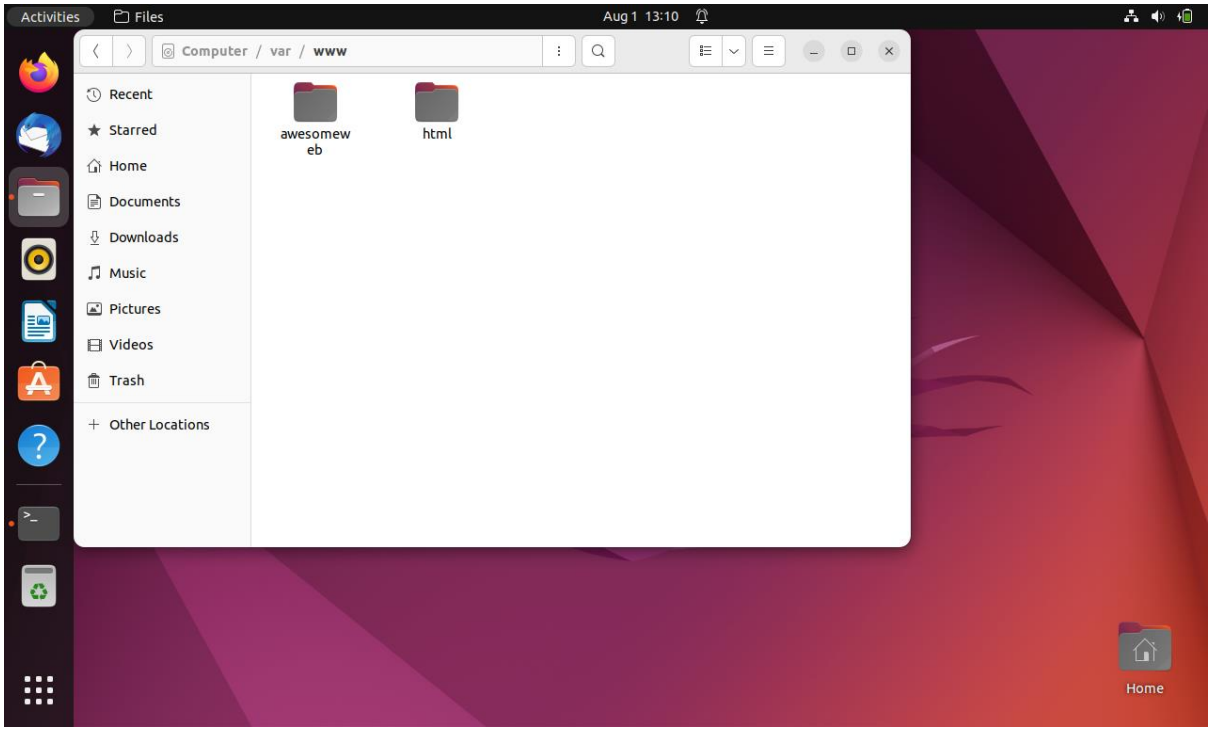
**Step 6: Deploy Your Own Website**

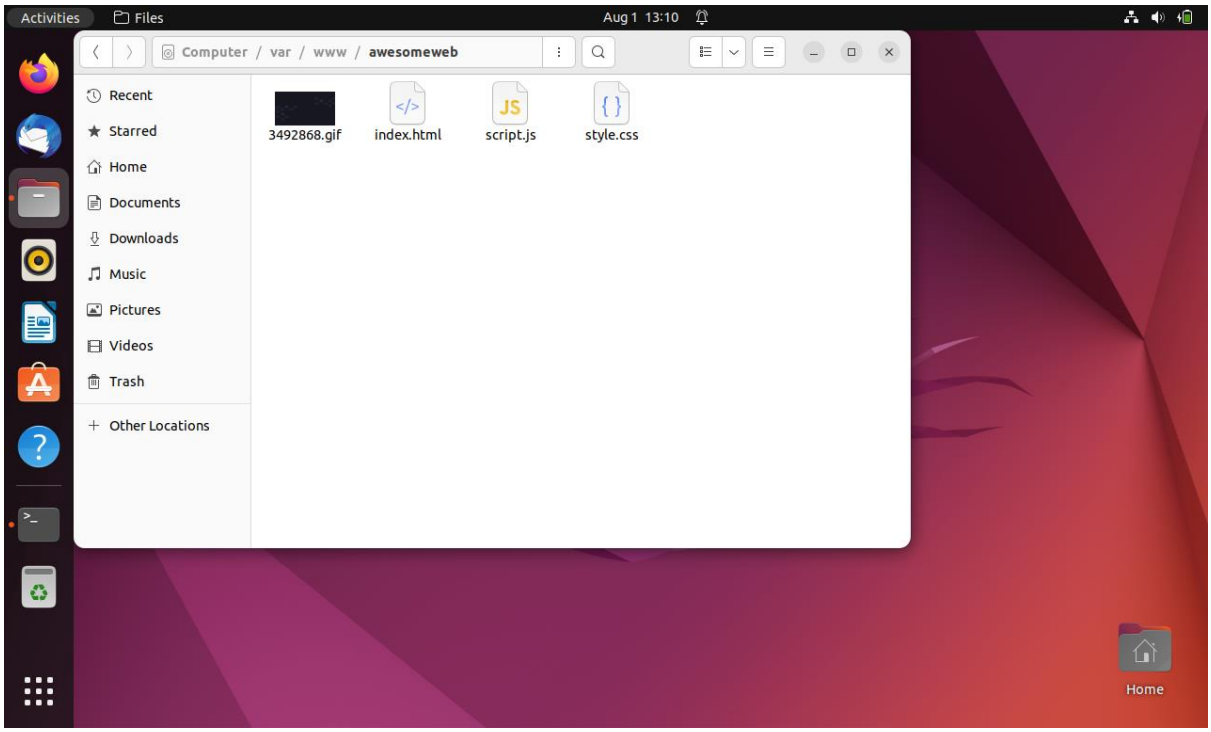
To deploy your own website, go to "Files" => "Other Locations" => "Computer" => "var" => "www." Create a folder here and add your website's code inside it.




Alternatively, you can copy your website files to the web root directory using the following command: **sudo cp -r /path/to/your/website/* /var/www/your-website-folder/**




Activities
Files
Aug 1 13:10
Computer / var / www
Recent
Starred
Home
Documents
Downloads
Music
Pictures
Videos
Trash
Other Locations
awesomeweb
html
Home


Activities
Files
Aug 1 13:10
Computer / var / www / awesomeweb
Recent
Starred
Home
Documents
Downloads
Music
Pictures
Videos
Trash
Other Locations
3492868.gif
index.html
script.js
style.css
Home

**Step 7: Configure Nginx for Your Website**

Go to the Nginx configuration directory by navigating to "Files" => "Other Locations" => "Computer" => "etc" => "nginx" => "sites-enabled."

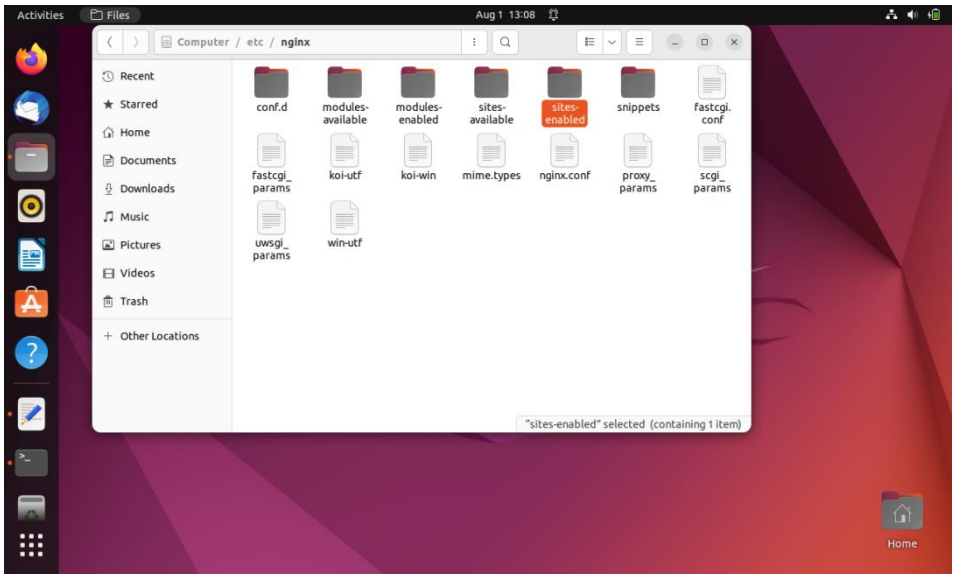
Open the default file using a text editor, and add server details for your website. An example configuration might look like this:

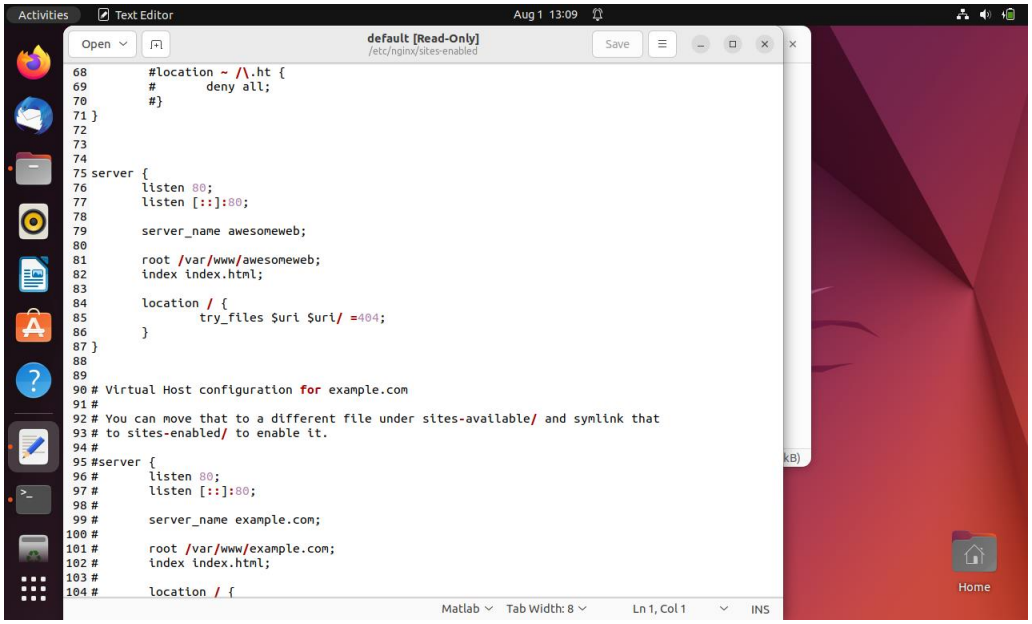
```
server {
    listen 80;
   listen [::]:80;
    server_name awesomeweb;

    root /var/www/ awesomeweb;
    index index.html;

    location / {
        try_files $uri $uri/ =404;
    }
}
```

Replace awesomeweb with your desired domain or server name and /var/www/awesomeweb with the actual path to your website files.

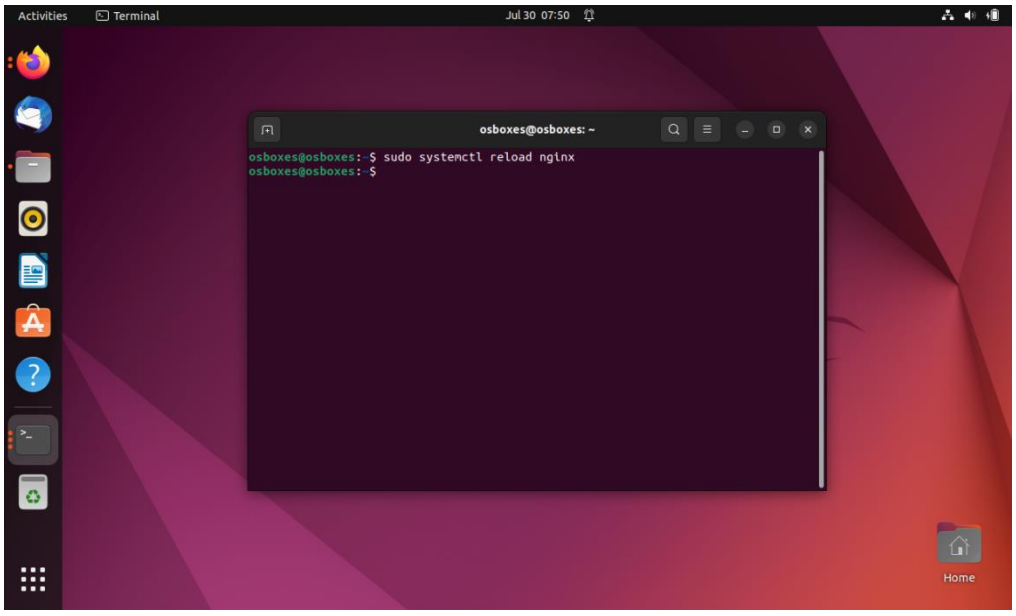





**Step 8: Reload Nginx Configuration**

After making changes to the Nginx configuration, reload Nginx to apply the changes:

**sudo systemctl reload nginx**



**Step 9: View Your Website**

Now, open your web browser and visit your website by entering the domain or server name you configured in the Nginx file (ex. http://awesomeweb). You should see your website content displayed in the browser.