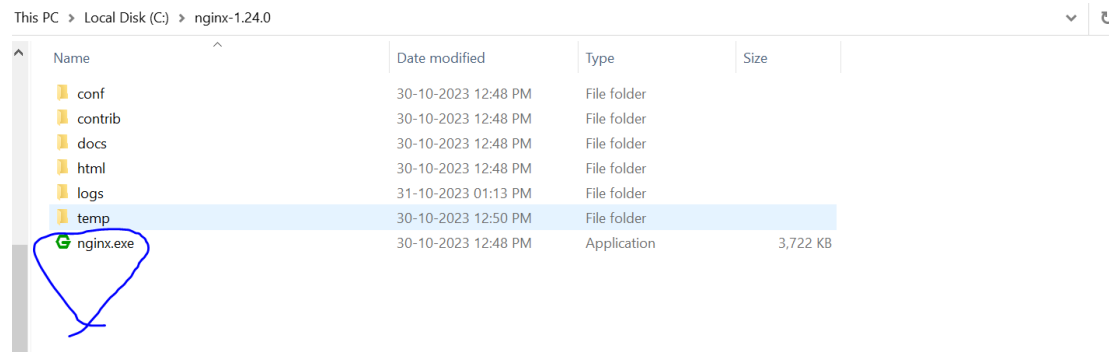This article will teach you how to set up Nginx on a Windows computer, manage a localhost website, modify your DNS settings, and create your own website.

Install Nginx server

1. Install Ngnix server first, follow this website to install https://nginx.org/en/download.html   Select the most current stable version of Windows, extract the file, and transfer it to the C drive.

2. Launch the Nginc.exe program and provide access to operate the server locally.

This PC > Local Disk (C:) > nginx-1.24.0			
Name	Date modified	Type	Size
conf	30-10-2023 12:48 PM	File folder	
contrib	30-10-2023 12:48 PM	File folder	
docs	30-10-2023 12:48 PM	File folder	
html	30-10-2023 12:48 PM	File folder	
logs	31-10-2023 01:13 PM	File folder	
temp	30-10-2023 12:50 PM	File folder	
nginx.exe	30-10-2023 12:48 PM	Application	3,722 KB

3.Enter localhost or 127.0.0.1 into your browser to view the ngnix welcome page.

4.In case you want to stop the server open cmd in nginx folder

type: nginx -s quit --> command to stop server

start nginx.exe --> command to start the server

nginx.exe -s reload --> command to reload the server

Host your own website

1. Go to your ngnix folder open HTML folder in your convinient text editor.

2. Replace / Modify the HTML code on the index.html page with your own, save it, and restart the server.

3. When you enter 127.0.0.1 or localhost into Chrome, your website will appear as shown below

Welcome to Poovarasan's page

This is the simple ngnix project that can host HTML page into a local host

And changed the localhost name as awesomeweb

Thank you come again.

Create a DNS name for this website as 'awesomeweb'

1. Check your server's listening location and correct portal by opening the nginx.conf folder, as indicated below.

```
server {

    listen       80;

    server_name  awesomeweb;

    location / {

        root   html;

        index  index.html index.htm;

}
```

PC > Local Disk (C:) > nginx-1.24.0 > conf

Name	Date modified	Type	Size
fastcgi.conf	30-10-2023 12:48 PM	CONF File	2 KB
fastcgi_params	30-10-2023 12:48 PM	File	2 KB
koi-utf	30-10-2023 12:48 PM	File	3 KB
koi-win	30-10-2023 12:48 PM	File	3 KB
mime.types	30-10-2023 12:48 PM	TYPES File	6 KB
nginx.conf	31-10-2023 12:27 PM	CONF File	3 KB
scgi_params	30-10-2023 12:48 PM	File	1 KB
uwsgi_params	30-10-2023 12:48 PM	File	1 KB
win-utf	30-10-2023 12:48 PM	File	4 KB

2. Chossing host file go to the file C:\Windows\System32\drivers\etc\hosts

Note: Run your text editor in adminstratore mode and open hosts file.
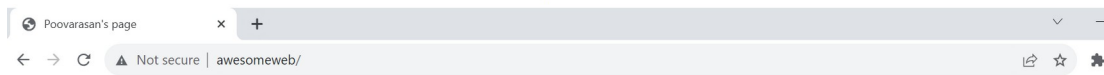
3. At the two lines at the end of the file.

127.0.0.1   localhost

127.0.1.1   awesomeweb

Save the file and close it.

4. Now if you go to the http://awesomeweb/ location it will show our website.

Thank you!! Happy Learning !!!!!!