Nginx Commands and Setup on Windows

# ✅ 1. Download and Install Nginx

1. Visit https://nginx.org/en/download.html  
2. Download the mainline or stable version (zip)  
3. Extract the contents to a folder (e.g., C:\nginx)

# 🔧 2. Common Nginx Commands (CMD or PowerShell)

* start nginx - Start the Nginx server
* nginx -s stop - Stop the Nginx server immediately
* nginx -s quit - Gracefully stop Nginx (after completing current requests)
* nginx -s reload - Reload configuration without downtime
* nginx -t - Test configuration for syntax errors
* nginx -v - Show Nginx version
* nginx -V - Show version and compile options

Make sure you are in the Nginx folder before running commands, e.g.:

cd C:\nginx  
start nginx

# ⚙️ 3. Configuration File

Nginx configuration file location:

C:\nginx\conf\nginx.conf

Edit with Notepad or VS Code. After editing, reload with:

nginx -s reload

# 🧪 4. Check If Nginx is Running

Open a browser and go to:

http://localhost

You should see the Nginx welcome page.