

## Using apt install nginx

```
nehad@nehad-VirtualBox:~$ sudo apt install nginx
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
 chromium-codecs-ffmpeg-extra gstreamer1.0-vaapi i965-va-driver
 intel-media-va-driver libaacs0 libaom3 libass9 libavcodec58 libavformat58
 libavutil56 libbdplus0 libbluray2 libbs2b0 libchromaprint1 libcodec2-1.0
 libdav1d5 libflite1 libgme0 libgsm1 libgstreamer-plugins-bad1.0-0
 libigdgmm12 liblilv-0-0 libllvm15 libmfx1 libmysofa1 libnorm1 libopenmpt0
 libpgm-5.3-0 libpostproc55 librabbitmq4 librubberband2 libserd-0-0
 libshine3 libsnappy1v5 libsord-0-0 libsratom-0-0 libsrt1.4-gnutls
 libssh-gcrypt-4 libswresample3 libswscale5 libudfread0 libva-drm2
 libva-wayland2 libva-x11-2 libva2 libvdpau1 libvidstab1.1 libx265-199
 libxvidcore4 libzimg2 libzmq5 libzvbi-common libzvbi0 mesa-va-drivers
 mesa-vdpau-drivers pocketsphinx-en-us va-driver-all vdpau-driver-all
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
 libnginx-mod-http-geoip2 libnginx-mod-http-image-filter
 libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream
 libnginx-mod-stream-geoip2 nginx-common nginx-core
Suggested packages:
 fcgiwrap nginx-doc
The following NEW packages will be installed:
 libnginx-mod-http-geoip2 libnginx-mod-http-image-filter
```

## Enable port 80 on the firewall

```
nehad@nehad-VirtualBox:~$ sudo ufw allow 80/tcp
Rule added
Rule added (v6)
```

## Create index.html file on root directory of the server section and test it

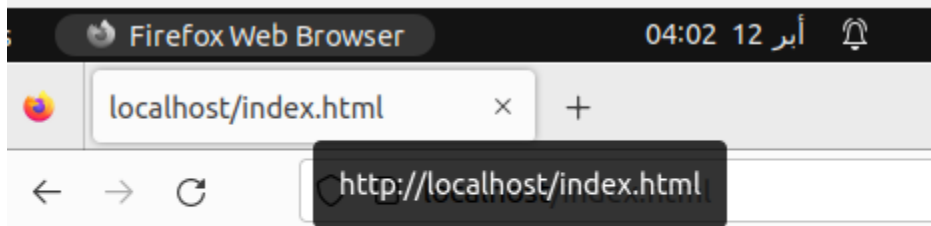
```
GNU nano 6.2                                ind
<html>
<body><h1>Hello World!</h1></body>
</html>
```

Install php-fpm package

```
nehad@nehad-VirtualBox:~$ sudo apt install php-fpm
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
 chromium-codecs-ffmpeg-extra gstreamer1.0-vaapi i965-va-driver
 intel-media-va-driver libaacs0 libaom3 libass9 libavcodec58 libavformat58
 libavutil56 libbdplus0 libbluray2 libbs2b0 libchromaprint1 libcodec2-1.0
 libdav1d5 libflite1 libgme0 libgsm1 libgstreamer-plugins-bad1.0-0
 libigdgmm12 liblilv-0-0 libllvm15 libmfx1 libmysofa1 libnorm1 libopenmpt0
 libpgm-5.3-0 libpostproc55 librabbitmq4 librubberband2 libserd-0-0
 libshine3 libsnappy1v5 libsord-0-0 libsratom-0-0 libsrt1.4-gnutls
 libssh-gcrypt-4 libswresample3 libswscale5 libudfread0 libva-drm2
 libva-wayland2 libva-x11-2 libva2 libvdpau1 libvidstab1.1 libx265-199
 libxvidcore4 libzimg2 libzmq5 libzvbi-common libzvbi0 mesa-va-drivers
 mesa-vdpau-drivers pocketsphinx-en-us va-driver-all vdpau-driver-all
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
 php8.1-fpm
Suggested packages:
 php-pear
The following NEW packages will be installed:
```

configure main site to enable php-fpm

```
nehad@nehad-VirtualBox:~$ sudo nginx -t
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
```



# Hello world