

1-

```
samir@samir-VirtualBox:/var/www/html$ sudo apt install nginx
[sudo] password for samir:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libnginx-mod-http-geoip2 libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-
Suggested packages:
  fcgiwrap nginx-doc
The following NEW packages will be installed:
  libnginx-mod-http-geoip2 libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-
0 upgraded, 9 newly installed, 0 to remove and 221 not upgraded.
Need to get 696 kB of archives.
After this operation, 2,395 kB of additional disk space will be used.
```

2-

```
samir@samir-VirtualBox:/var/www/html$ sudo ufw enable
Firewall is active and enabled on system startup
samir@samir-VirtualBox:/var/www/html$ sudo ufw allow 80/tcp
Rule added
Rule added (v6)
samir@samir-VirtualBox:/var/www/html$ sudo ufd status
sudo: ufd: command not found
samir@samir-VirtualBox:/var/www/html$ sudo ufw status
Status: active
```

To	Action	From
--	-----	----
20/tcp	DENY	Anywhere
21/tcp	DENY	Anywhere
2049/tcp	ALLOW	Anywhere
2049/udp	ALLOW	Anywhere
80/tcp	ALLOW	Anywhere
20/tcp (v6)	DENY	Anywhere (v6)
21/tcp (v6)	DENY	Anywhere (v6)
2049/tcp (v6)	ALLOW	Anywhere (v6)
2049/udp (v6)	ALLOW	Anywhere (v6)
80/tcp (v6)	ALLOW	Anywhere (v6)

```
samir@samir-VirtualBox:/var/www/html$
```

```
samir@samir-VirtualBox:/var/www/html$ cd var/www/html
bash: cd: var/www/html: No such file or directory
samir@samir-VirtualBox:/var/www/html$ cd /var/www/html
samir@samir-VirtualBox:/var/www/html$ sudo nano index.html
samir@samir-VirtualBox:/var/www/html$ sudo systemctl restart nginx
```



```
see systemctl status nginx.service and journalctl -xe nginx.service for details.
samir@samir-VirtualBox: /var/www/html$ sudo apt install php-fpm
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  php8.1-fpm
Suggested packages:
  php-pear
The following NEW packages will be installed:
  php-fpm php8.1-fpm
0 upgraded, 2 newly installed, 0 to remove and 221 not upgraded.
Need to get 1,843 kB of archives.
After this operation, 5,634 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://eg.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 php8.1-fpm amd64 8.1.2-1ubuntu2.11 [1,840 kB]
Get:2 http://eg.archive.ubuntu.com/ubuntu jammy/universe amd64 php-fpm all 2:8.1+92ubuntu1 [2,838 B]
Fetched 1,843 kB in 1s (1,634 kB/s)
Selecting previously unselected package php8.1-fpm.
(Reading database ... 200976 files and directories currently installed.)
Preparing to unpack .../php8.1-fpm_8.1.2-1ubuntu2.11_amd64.deb ...
Unpacking php8.1-fpm (8.1.2-1ubuntu2.11) ...
```

```

# Please see /usr/share/doc/nginx-doc/examples/ for more detailed examples.
##

# Default server configuration
#
server {
    listen 80 default_server;
    listen [::]:80 default_server;

    location ~ /\.php$ {
        include snippets/fastcgi-php.conf;
        fastcgi_pass unix:/var/run/php/php8.1-fpm.sock;
    }

    # SSL configuration
    #
    # listen 443 ssl default_server;
    # listen [::]:443 ssl default_server;
    #
    # Note: You should disable gzip for SSL traffic.
    # See: https://bugs.debian.org/773332
    #
    # Read up on ssl_ciphers to ensure a secure configuration.
    # See: https://bugs.debian.org/765782
    #
    # Self signed certs generated by the ssl-cert package
    # Don't use them in a production server!
    #
    # include snippets/snakeoil.conf;

    root /var/www/html;

    # Add index.php to the list if you are using PHP
    index index.html index.htm index.nginx-debian.html;

```

```

see systemctl status nginx.service and journalctl -xe nginx.service for details
samir@samir-VirtualBox:/var/www/html$ sudo systemctl restart nginx
Job for nginx.service failed because the control process exited with error code.

```

```

see systemctl status nginx.service and journalctl -xe nginx.service for details
samir@samir-VirtualBox:/var/www/html$ sudo nano /var/www/html/index.php
samir@samir-VirtualBox:/var/www/html$

```