```
omar@omar-VirtualBox:~$ sudo apt remove apache2
[sudo] password for omar:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
   apache2-data apache2-utils
Use 'sudo apt autoremove' to remove them.
The following packages will be REMOVED:
   apache2
0 upgraded, 0 newly installed, 1 to remove and 207 not upgraded.
After this operation, 546 kB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 205759 files and directories currently installed.)
Removing apache2 (2.4.52-1ubuntu4.4) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for ufw (0.36.1-4build1) ...
```

```
omar@omar-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:
   apache2-data apache2-utils
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
   libnginx-mod-http-xslt-filter libnginx-mod-mail
   libnginx-mod-stream libnginx-mod-stream-geoip2 nginx
   nginx-common nginx-core
0 upgraded, 9 newly installed, 0 to remove and 207 not upgraded.
Need to get 696 kB of archives.
After this operation, 2,395 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/main amd64 nginx-common all 1.18.0-6ubuntu14.3 [40.0 kB]
Get:2 http://eg.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-http-geoip2 amd64 1.18.0-6ubuntu14.3 [11.9 kB]
Get:3 http://eg.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-http-image-filter amd64 1.18.0-6ubuntu14.3 [15.4 kB]
Get:4 http://eg.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-http-xslt-filter amd64 1.18.0-6ubuntu14.3 [13.7 kB]
Get:5 http://eg.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-mail amd64 1.18.0-6ubuntu14.3 [45.7 kB]
Get:6 http://eg.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-stream amd64 1.18.0-6ubuntu14.3 [72.8 kB]
Get:7 http://eg.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-stream-geoip2 amd64 1.18.0-6ubuntu14.3 [10.1 kB]
Get:8 http://eg.archive.ubuntu.com/ubuntu jammy-updates/main amd64 nginx-core amd64 1.18.0-6ubuntu14.3 [482 kB]
Get:9 http://eg.archive.ubuntu.com/ubuntu jammy-updates/main amd64 nginx amd64 1.18.0-6ubuntu14.3 [3,882 B]
Fetched 696 kB in 2s (446 kB/s)
Preconfiguring packages ...
Selecting previously unselected package nginx-common.
(Reading database ... 205709 files and directories currently
installed.)
Preparing to unpack .../0-nginx-common_1.18.0-6ubuntu14.3_all
.deb ...
Unpacking nginx-common (1.18.0-6ubuntu14.3) ...
Selecting previously unselected package libnginx-mod-http-geo
ip2.
Preparing to unpack .../1-libnginx-mod-http-geoip2_1.18.0-6ub
```

```
Processing triggers for ufw (0.36.1-4build1) ...
omar@omar-VirtualBox:~$ sudo ufw enable
Firewall is active and enabled on system startup
omar@omar-VirtualBox:~$ sudo ufw allow 80/tcp
Rule added
Rule added (v6)
omar@omar-VirtualBox:~$
```

```
Rule added (v6)
omar@omar-VirtualBox:~$ sudo systemctl start nginx
omar@omar-VirtualBox:~$ cd /var/www/html
omar@omar-VirtualBox:/var/www/html$ sudo nano index.html
omar@omar-VirtualBox:/var/www/html$
```

```
html><h1>hello omar Lab 5 </h1></html>
```

```
omar@omar-VirtualBox:/var/www/html$ sudo nano /etc/nginx/sites-available/default
omar@omar-VirtualBox:/var/www/html$ sudo nano /etc/nginx/sites-available/default
omar@omar-VirtualBox:/var/www/html$ sudo nano index.php
```

```
  GNU nano 6.2
<?php echo 'hello omar lab5 Linux'; ?>
```

localhost/index.php

hello omar lab5 Linux