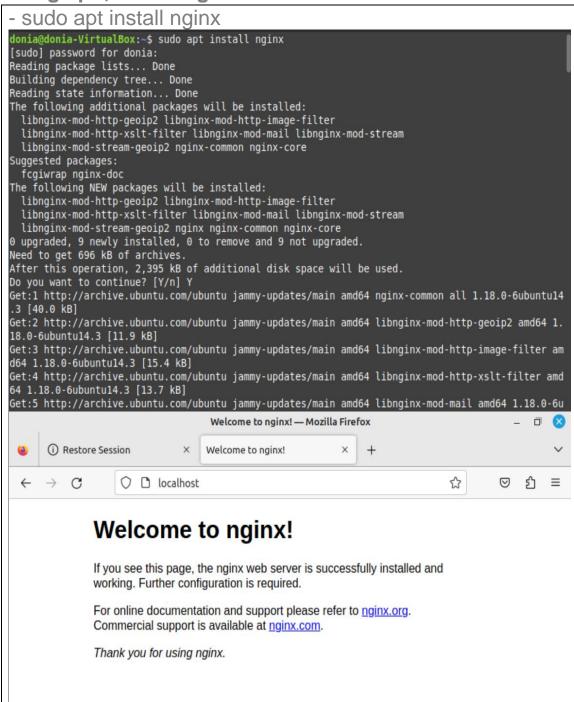
System Admin2_Lab5

Lab objectives:

Using apt, install nginx.

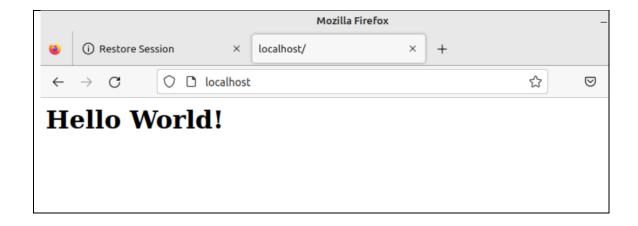


Enable port 80 on the firewall.

```
- sudo ufw allow 80
donia@donia-VirtualBox:/var/www/html$ sudo ufw allow 80
Rule added
Rule added (v6)
donia@donia-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
                           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 (v6)
                           ALLOW
                                       Anywhere (v6)
donia@donia-VirtualBox:/var/www/html$
```

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





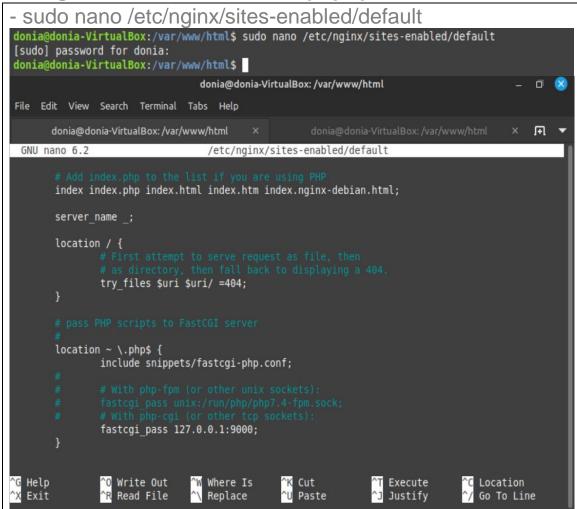
Install php-fpm package.

```
- sudo apt install php-fpm
donia@donia-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 9 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://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 php8.1-fpm amd64 8.1.2-lubunt
u2.11 [1,840 kB]
Get:2 http://archive.ubuntu.com/ubuntu jammy/universe amd64 php-fpm all 2:8.1+92ubuntu1 [2,838 B]
Fetched 1,843 kB in 2s (878 kB/s)
Selecting previously unselected package php8.1-fpm.
(Reading database ... 576482 files and directories currently installed.)
Preparing to unpack .../php8.1-fpm_8.1.2-lubuntu2.11_amd64.deb ...
Unpacking php8.1-fpm (8.1.2-lubuntu2.11) ...
Selecting previously unselected package php-fpm.
Preparing to unpack .../php-fpm 2%3a8.1+92ubuntu1_all.deb ...
Unpacking php-fpm (2:8.1+92ubuntu1) ...
Setting up php8.1-fpm (8.1.2-1ubuntu2.11) ...
donia@donia-VirtualBox:/var/www/html$ l /etc/php/
8.1/
donia@donia-VirtualBox:/var/www/html$ l /etc/php/8.1/fpm/
 conf.d/ php-fpm.conf php.ini pool.d/
```

Configure main site to enable php-fpm.



Create index.php file and test it.

