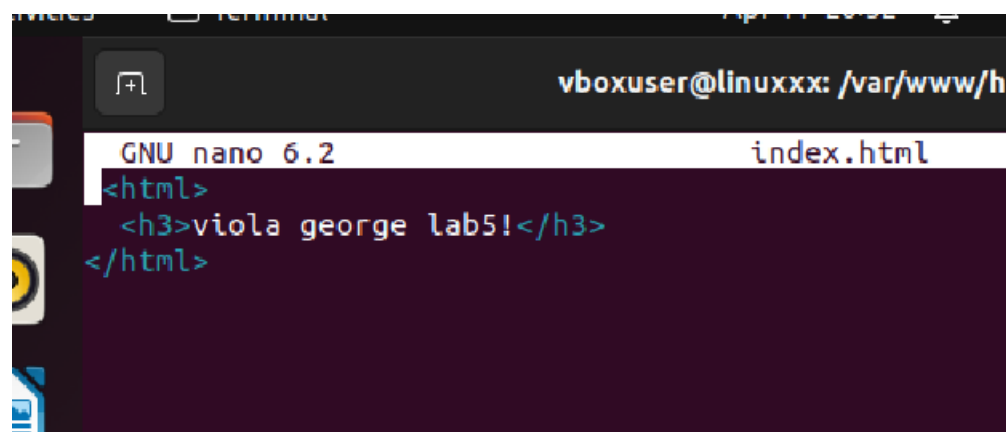


# Viola George Kamal

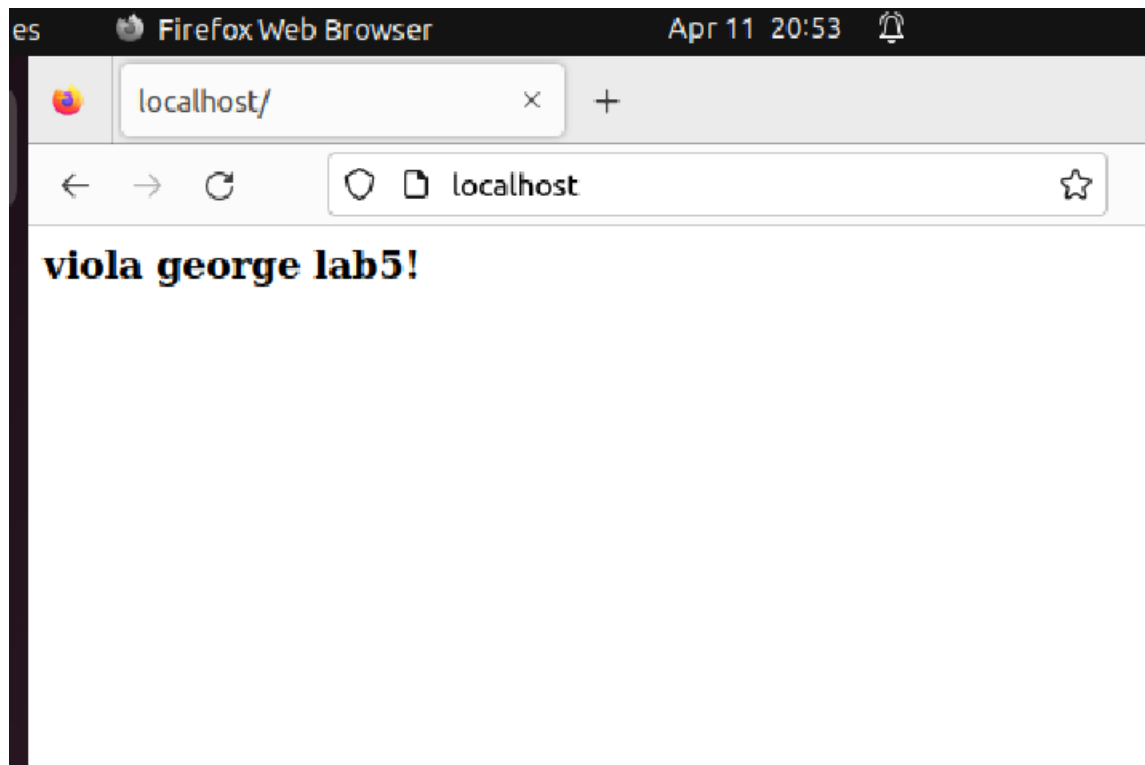
## Lab5\_System admin2

```
vboxuser@linuxxx:~$ sudo apt install nginx
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  systemd-hwe-hwdb
Use 'sudo apt autoremove' to remove it.
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 273 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]
```

```
vboxuser@linuxxxx:~$ sudo ufw allow 80/tcp
Rule added
Rule added (v6)
vboxuser@linuxxxx:~$ sudo systemctl start nginx
vboxuser@linuxxxx:~$ cd /var/www/html
vboxuser@linuxxxx:/var/www/html$ sudo nvboxuser@linuxxxx:/var/www/html$ sudo nano
index.html
vboxuser@linuxxxx:/var/www/html$ sudo service apache2 stop
vboxuser@linuxxxx:/var/www/html$ sudo apt install php-fpm
[sudo] password for vboxuser:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  systemd-hwe-hwdb
Use 'sudo apt autoremove' to remove it.
The following additional packages will be installed:
  php8.2-cli php8.2-common php8.2-fpm php8.2-opcache php8.2-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  php-fpm php8.2-cli php8.2-common php8.2-fpm php8.2-opcache php8.2-readline
0 upgraded, 6 newly installed, 0 to remove and 273 not upgraded.
Need to get 4,870 kB of archives.
After this operation, 21.3 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 https://ppa.launchpadcontent.net/ondrej/php/ubuntu jammy/main amd64 php8.
2-common amd64 8.2.4-1ubuntu22.04.1+deb.sury.org+1 [714 kB]
```



```
vboxuser@linuxxxx: /var/www/h
GNU nano 6.2 index.html
<html>
  <h3>viola george lab5!</h3>
</html>
```



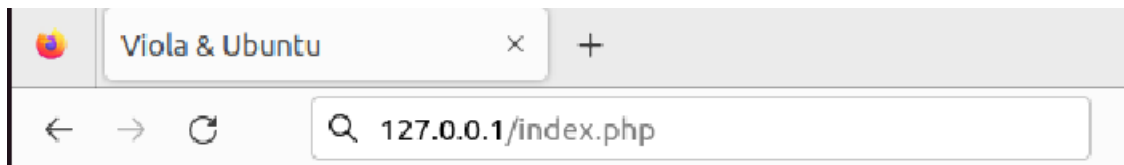
```
vboxuser@linuxxx:/var/www/html$ sudo systemctl start nginx
vboxuser@linuxxx:/var/www/html$ sudo apt install php-fpm
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
php-fpm is already the newest version (2:8.2+93+ubuntu22.04.1+deb.sury.org+2)
The following package was automatically installed and is no longer required:
  systemd-hwe-hwdb
Use 'sudo apt autoremove' to remove it.
0 upgraded, 0 newly installed, 0 to remove and 273 not upgraded.
vboxuser@linuxxx:/var/www/html$ sudo nano /etc/nginx/sites-enabled/default
vboxuser@linuxxx:/var/www/html$ sudo nano /etc/nginx/sites-enabled/default
vboxuser@linuxxx:/var/www/html$ sudo nano index.php
```

```
vboxuser@linuxxxx: /var/www/html
GNU nano 6.2 /etc/nginx/sites-available/default
##
# You should look at the following URL's in order to grasp a solid understanding
# of Nginx configuration files in order to fully unleash the power of Nginx.
# https://www.nginx.com/resources/wiki/start/
# https://www.nginx.com/resources/wiki/start/topics/tutorials/config_pitfalls/
# https://wiki.debian.org/Nginx/DirectoryStructure
#
# In most cases, administrators will remove this file from sites-enabled/ and
# leave it as reference inside of sites-available where it will continue to be
# updated by the nginx packaging team.
#
# This file will automatically load configuration files provided by other
# applications, such as Drupal or Wordpress. These applications will be made
# available underneath a path with that package name, such as /drupal8.
#
# Please see /usr/share/doc/nginx-doc/examples/ for more detailed examples.
##

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

    # SSL configuration
    [ Read 91 lines ]
```

```
vboxuser@linuxxxx: /var/www/html
GNU nano 6.2 index.php *
<?php
echo " I'm running this website on an Ubuntu Server server! ";
?>
```



I'm running this website on an Ubuntu Server server!