

```
root@ubuntu:/var/www# ls
html  kareem
```

```
root@ubuntu:/var/www/kareem# cat index.html
<center>Hello kareem </center>
root@ubuntu:/var/www/kareem# nginx -t
2025/09/20 19:34:20 [emerg] 52409#52409: a duplicate default server for 0.0.0.0:80 in /etc/nginx/sites-enabled/peter.conf:22
nginx: configuration file /etc/nginx/nginx.conf test failed
root@ubuntu:/var/www/kareem# cd ..
root@ubuntu:/var/www# cd ..
root@ubuntu:/var# cd ..
root@ubuntu:/# cd /etc/nginx/sites-enabled
root@ubuntu:/etc/nginx/sites-enabled# ls
kareem.conf  peter.conf
```

```
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.peter.com" localhost
<center>hello peter</center>
root@ubuntu:/etc/nginx/sites-enabled# cat kareem.conf
##
# 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
    #
    # 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
    #
```

```
kareem.com - peter.com
root@ubuntu:/etc/nginx/sites-enabled# cat peter.conf
##
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server {
    listen 80;
    listen [::]:80;

    # SSL configuration
    #
    # listen 443 ssl default_server;
    # listen [::]:443 ssl default_server;
    #
```

```
root@ubuntu:/etc/nginx/sites-enabled# nginx -t
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
root@ubuntu:/etc/nginx/sites-enabled# systemctl reload nginx
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.peter.com" localhost curl -H "Host: www.kareem.com" localhost
<center>hello peter</center>
curl: (6) Could not resolve host: curl
<center>hello peter</center>
root@ubuntu:/etc/nginx/sites-enabled# cd ..
root@ubuntu:/etc/nginx# cd /var/www/kareem
root@ubuntu:/var/www/kareem# ls
index.html
root@ubuntu:/var/www/kareem# cat index.html
<center>Hello kareem </center>
root@ubuntu:/var/www/kareem# cd /etc/nginx/sites-enabled
root@ubuntu:/etc/nginx/sites-enabled# ln -s ../sites-available/kareem.conf .
ln: failed to create symbolic link './kareem.conf': File exists
root@ubuntu:/etc/nginx/sites-enabled# nginx -t
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
root@ubuntu:/etc/nginx/sites-enabled# systemctl reload nginx
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.peter.com" localhost curl -H "Host: www.kareem.com" localhost
<center>hello peter</center>
curl: (6) Could not resolve host: curl
<center>hello peter</center>
root@ubuntu:/etc/nginx/sites-enabled# localhost curl -H "Host: www.kareem.com" localhost
localhost: command not found
root@ubuntu:/etc/nginx/sites-enabled# curl -H "Host: www.kareem.com" localhost
<center>Hello kareem </center>
root@ubuntu:/etc/nginx/sites-enabled#
```