joe@joe-ubuntu-13:~$ sudo apt-get install nginx
joe@yavin:~/f17/it4200$ echo "After install, try to retrieve a page to test nginx is working"
After install, try to retrieve a page to test nginx is working
joe@yavin:~/f17/it4200$
joe@yavin:~/f17/it4200$ wget 144.38.196.13
joe@yavin:~/f17/it4200$ wget 144.38.196.13
--2017-08-24 12:52:14--  http://144.38.196.13/
Connecting to 144.38.196.13:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 612 [text/html]
Saving to: ‘index.html’

index.html 100%[==================================] 612 --.-KB/s in 0s
2017-08-24 12:52:14 (49.6 MB/s) -- ‘index.html’ saved [612/612]

joe@yavin:~/f17/it4200$
joe@yavin:~/f17/it4200$ cat index.html
<html>
<head>
<title>Welcome to nginx!</title>
<style>
  body {
    width: 35em;
    margin: 0 auto;
    font-family: Tahoma, Verdana, Arial, sans-serif;
  }
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
<p>If you see this page, the nginx web server is successfully installed and working. Further configuration is required.</p>
<p>For online documentation and support please refer to <a href="http://nginx.org/">nginx.org</a>.<br/>
Commercial support is available at <a href="http://nginx.com/">nginx.com</a>.</p>
<p><em>Thank you for using nginx.</em></p>
</body>
</html>
joe@yavin:~/f17/it4200$ echo "Looks like nginx is working"
Looks like nginx is working
joe@yavin:~/f17/it4200$
joe@yavin:~/f17/it4200$ echo "Now lets add a virtual host"
Now lets add a virtual host
joe@yavin:~/f17/it4200$
joe@joe-ubuntu-13:~$ cd /etc/nginx/

joe@joe-ubuntu-13:/etc/nginx$ ls
conf.d    koi-utf    nginx.conf sites-available uwsgi_params
fastcgi.conf koi-win   proxy_params sites-enabled win-utf
fastcgi_params mime.types scgi_params snippets

joe@joe-ubuntu-13:/etc/nginx$ echo "Here are config files"
Here are config files

joe@joe-ubuntu-13:/etc/nginx$
joe@joe-ubuntu-13:/etc/nginx/sites-available$ cd sites-available/
joe@joe-ubuntu-13:/etc/nginx/sites-available$ ls
default
joe@joe-ubuntu-13:/etc/nginx/sites-available$ sudo vi nginx1.the gum mibear.com
server {
    server_name nginx1.thegummibear.com;
    root /var/www/html/nginx1.thegummibear.com;
}
joe@joe-ubuntu-13:~/etc/nginx/sites-available$ ls -l
 total 8
-rw-r--r-- 1 root root 2074 Feb 11 2017 default
-rw-r--r-- 1 root root  94 Aug 24 12:55 nginx1.thegummibear.com
joe@joe-ubuntu-13:~/etc/nginx/sites-available$
echo "Has to show up in sites enabled, must do a symlink"
ls
ls -l
ln -s /etc/nginx/sites-available/nginx1.thegummibear.com nginx1.thegummibear.com
ln: failed to create symbolic link 'nginx1.thegummibear.com': Permission denied
sudo ln -s /etc/nginx/sites-available/nginx1.thegummibear.com nginx1.thegummibear.com
ls -l
default  nginx1.theqummibear.com

[joe@joe-ubuntu-13:/etc/nginx/sites-enabled]$ ls

[joe@joe-ubuntu-13:/etc/nginx/sites-enabled]$ sudo service nginx restart
Try to retrieve again from new site

Try to retrieve again from new site

wget nginx1.thegummibear.com

HTTP request sent, awaiting response... 404 Not Found

joe@yavin:~/f17/it4200$ echo "OOPS, we forgot to create the document root"
OOPS, we forgot to create the document root
joe@yavin:~/f17/it4200$
sudo mkdir -p /var/www/html/nginx1.thegummibear.com
Created path
wget nginx1.thegummibear.com
Resolving nginx1.thegummibear.com (nginx1.thegummibear.com)... 144.38.196.13
Connecting to nginx1.thegummibear.com (nginx1.thegummibear.com)|144.38.196.13 |
|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 33 [text/html]
Saving to: ‘index.html’

index.html 100%[================================] 33 --.-KB/s in 0s

2017-08-24 13:00:04 (1.61 MB/s) - ‘index.html’ saved [33/33]

less index.html
Here is my index page for nginx1
Success this time!
Success this time!