

nginx assignment

- create basic website to print hello sprints in index.html

```
heba@heba-HP-ProBook-450-G4:~$ sudo apt update
sudo apt install nginx
[sudo] password for heba:
Hit:1 http://eg.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://eg.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:3 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Hit:4 https://download.docker.com/linux/ubuntu focal InRelease
Hit:5 https://dl.google.com/linux/chrome/deb stable InRelease
Hit:6 https://deb.nodesource.com/node_14.x jammy InRelease
Get:7 http://eg.archive.ubuntu.com/ubuntu jammy-backports InRelease [108 kB]
Get:8 http://security.ubuntu.com/ubuntu jammy-security/main amd64 DEP-11 Metadata [41.6 kB]
```

```
heba@heba-HP-ProBook-450-G4:~$ sudo vim /etc/nginx/sites-enabled/default
```

```
server {
    listen 80 default_server;
    listen [::]:80 default_server;

    root /var/www/html;
    index index.html;

    server_name _;

    location / {
        try_files $uri $uri/ =404;
    }
}
```

```
heba@heba-HP-ProBook-450-G4:~$ sudo vim /var/www/html/index.html
```

```
<!DOCTYPE html>
<html>
<head>
    <title>Hello, Sprints!</title>
</head>
<body>
    <h1>Hello, Sprints!</h1>
</body>
</html>
```

```
heba@heba-HP-ProBook-450-G4:~$ sudo systemctl restart nginx
```



localhost

Hello, Sprints!

```
heba@heba-HP-ProBook-450-G4:~$ sudo cp localhost.crt /etc/ssl/certs/localhost.crt
heba@heba-HP-ProBook-450-G4:~$ sudo cp localhost.key /etc/ssl/private/localhost.key
heba@heba-HP-ProBook-450-G4:~$ sudo nano /etc/nginx/sites-available/default
```

[illegible]

```
server {
    listen 80;
    listen 443 ssl http2;
    listen [::]:443 ssl http2;
    server_name localhost;

    ssl_certificate /etc/ssl/certs/localhost.crt;
    ssl_certificate_key /etc/ssl/private/localhost.key;

    ssl_protocols TLSv1.2 TLSv1.1 TLSv1;

    root /var/www/html;

    index index.html index.nginx-debian.html;
}
```

```
heba@heba-HP-ProBook-450-G4:~$ sudo service nginx reload
heba@heba-HP-ProBook-450-G4:~$ certutil -d sql:$HOME/.pki/nssdb -A -t "P,," -n "localhost" -i localhost.crt
```

Hello, Sprints!

Certificate Viewer: localhost x

General

Details

Issued To

Common Name (CN)

Organization (O)

Organizational Unit (OU)

Heba Tayseer

Sprints

DevOps

Issued By

Common Name (CN)

Organization (O)

Organizational Unit (OU)

Heba Tayseer

Sprints

DevOps

Validity Period

Issued On

Expires On

Wednesday, June 14, 2023 at 7:19:38 PM

Thursday, June 13, 2024 at 7:19:38 PM

Fingerprints

SHA-256 Fingerprint

SHA-1 Fingerprint

07 30 5B 81 60 AC 55 B7 83 B2 77 FC 96 EA 89 C6
75 25 47 76 D6 FF E2 EB D1 50 A5 46 4F C3 30 A0
94 31 39 3B 61 65 E2 F2 60 3F F2 25 6F A1 D5 04
4D 17 34 77