Apache - Lab 1 - Question 2

1. Installing & enabling Apache :

Sudo apt install apache2

Sudo systemctl start apache2

```
andrew-essam@andrew-essam-VirtualBox:~$ sudo apt install apache2
[sudo] password for andrew-essam:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
```

Sudo systemctl enable apache2

```
andrew-essam@andrew-essam-VirtualBox:~$ sudo systemctl start apache2
andrew-essam@andrew-essam-VirtualBox:~$ sudo systemctl enable apache2
Synchronizing state of apache2.service with SysV service script with /usr/lib/systemd/syste
md-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable apache2
```

2. Creating page1.html & page2.html Files :

Sudo nano /var/www/html/page1.html

```
andrew-essam@andrew-essam-VirtualBox:/var/www/html$ sudo nano page1.html
```

Sudo nano /var/www/html/page2.html

```
andrew-essam@andrew-essam-VirtualBox:/var/www/html$ sudo nano page2.html
```

Insert =>
<!DOCTYPE html>
<html>
        <head>
                <title>Page
        {page_number}</title>
        </head>
        <body>
                <h1>Welcome   to   Page
        {page_number}</h1>
        </body>
</html>

```
<!DOCTYPE html>
<html>
<head>
<title>Page 1</title>
</head>
<body>
<h1>Welcome to Page 1</h1>
</body>
</html>
```

3. Redirection Step :

Sudo nano /etc/apache2/apache2.conf

```
andrew-essam@andrew-essam-VirtualBox:/var/www/html$ sudo nano /etc/apache2/apache2.conf
```

```
<Directory /var/www/>
        AllowOveride All
</Directory>
```

```
<Directory /var/www/>
        Options Indexes FollowSymLinks
        AllowOverride All
        Require all granted
</Directory>
```

Sudo systemctl restart apache2
Sudo nano /var/www/html/.htaccess
        Insert => Redirect /page1.html /page2.html

```
andrew-essam@andrew-essam-VirtualBox:/var/www/html$ sudo systemctl restart apache2
andrew-essam@andrew-essam-VirtualBox:/var/www/html$ sudo nano .htaccess
```

```
  GNU nano 7.2                              .htaccess *
Redirect /page1.html /page2.html
```