

4.

Create a **test2.conf** and listen on port 82 and to “ location /test/” with message “ test is successful”.

Answer:

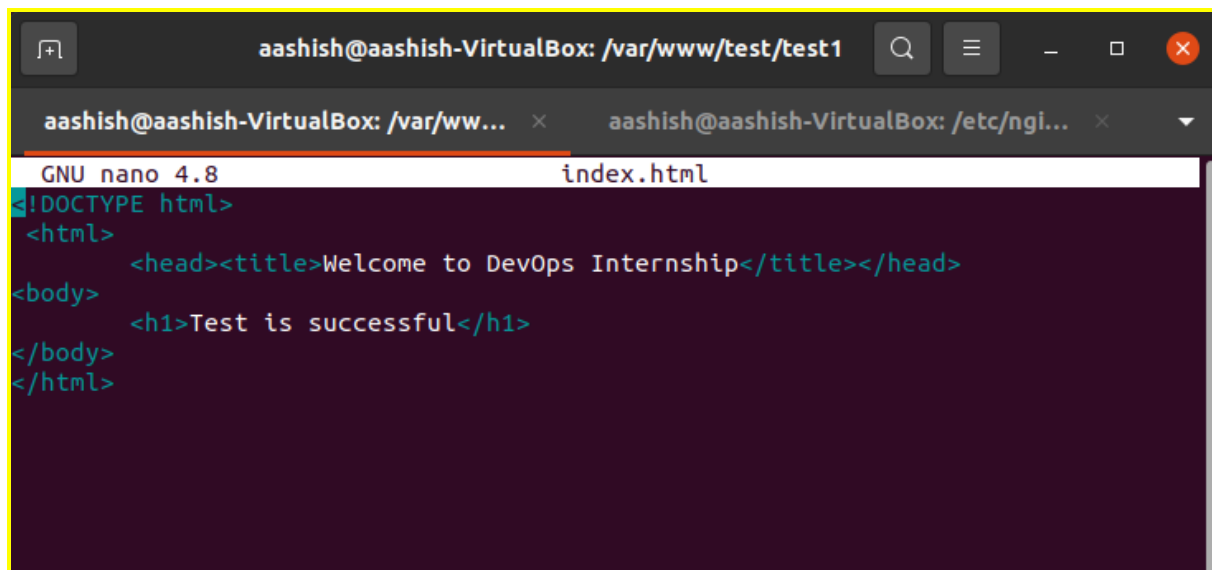
Firstly, we create a directory for test1 using following command;

```
- sudo mkdir /var/www/test/test1
```

Now, we create an index.html file inside test1.

```
- cd /var/www/test/test1
```

```
- sudo nano index.html
```

A screenshot of a terminal window titled 'aashish@aashish-VirtualBox: /var/www/test/test1'. The window shows the GNU nano 4.8 editor editing 'index.html'. The content of the file is:

```
!DOCTYPE html>
<html>
  <head><title>Welcome to DevOps Internship</title></head>
<body>
  <h1>Test is successful</h1>
</body>
</html>
```

Next, we create **test2.conf** file in **/etc/nginx/sites-available** and edit the **test2.conf** file as follows;

A screenshot of a terminal window titled 'aashish@aashish-VirtualBox: /etc/nginx/sites-available'. The window shows the GNU nano 4.8 editor editing 'test2.conf'. The content of the file is:

```
server {
    listen 82;
    root /var/www/test;
    index index.html index.htm index.nginx-debian.html;
    server_name localhost;

    location /test1/ {
        index index.html;
    }

    #access_log /var/log/nginx/test2-access.log;
    #error_log /var/log/nginx/test2-error.log;

    #Some security header.
    add_header Referrer-Policy "no-referrer-when-downgrade";
    add_header X-XSS-Protection "1; mode=block" always;
    add_header X-Frame-Options "SAMEORIGIN" always;
    add_header X-Content-Type-Options nosniff always;
}
```

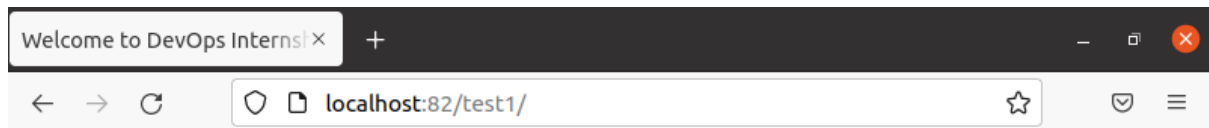
Next, we create symbolic link using following command;

```
- ln -rs /etc/nginx/sites-available/test2.conf /etc/nginx/sites-enabled
```

Now, we check syntactical errors and restart the nginx server.

```
aashish@aashish-VirtualBox:/etc/nginx/sites-available$ sudo nginx -t
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
aashish@aashish-VirtualBox:/etc/nginx/sites-available$ sudo systemctl restart nginx
aashish@aashish-VirtualBox:/etc/nginx/sites-available$
```

Lastly, we test on the web browser using url **localhost:82/test1/** which will display the message **“Test is successful”**.



Test is successful