4.
Create a test2.conf and listen on port 82 and to " location /test/" with message " test is successful".
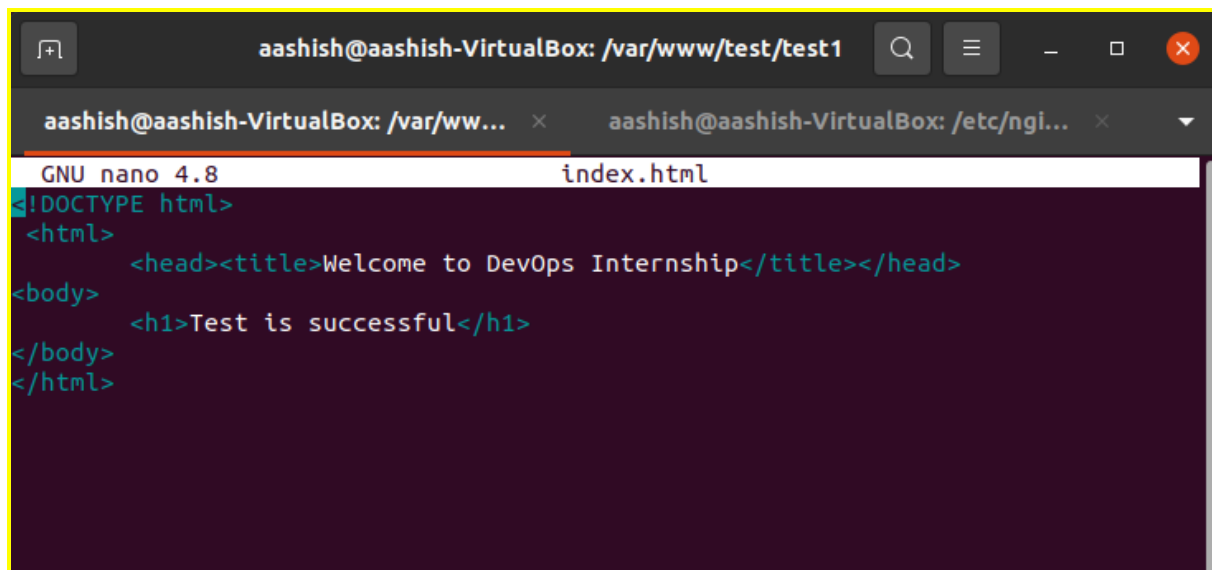
Answer:

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**

```
GNU nano 4.8                          index.html
<!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;

```
GNU nano 4.8                          test2.conf
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;
}
```
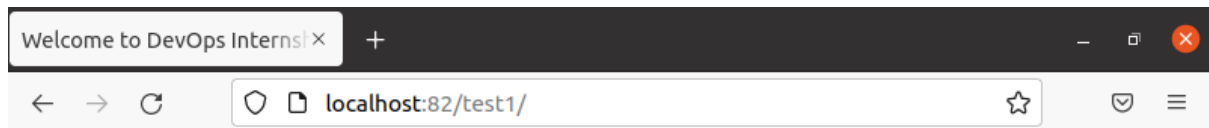
Next, we create symbolic link using following command;
- **ln -rs /etc/nginx/sites-available/test2.conf /etc/nginx/sites-enabled**

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

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

Test is successful