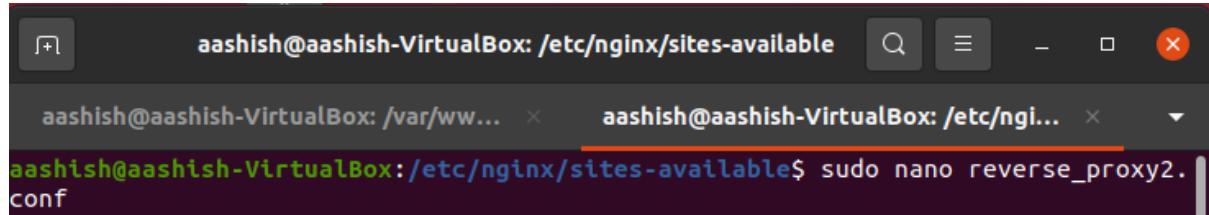


5.

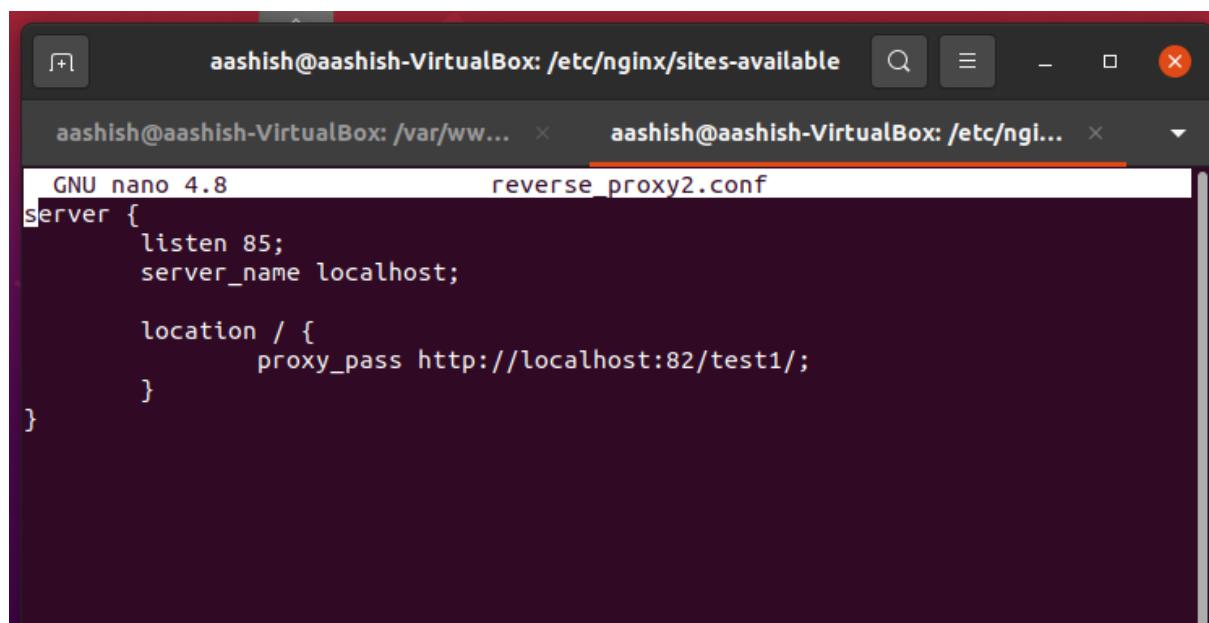
Reverse proxy all http traffic of port 82 to port 85.

Answer:

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



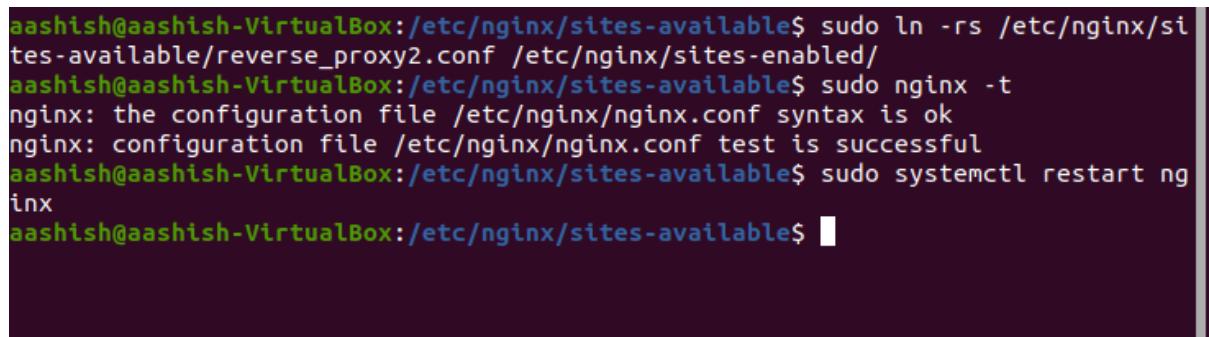
```
aashish@aashish-VirtualBox: /etc/nginx/sites-available
aashish@aashish-VirtualBox: /var/www... x aashish@aashish-VirtualBox: /etc/ngi...
aashish@aashish-VirtualBox:/etc/nginx/sites-available$ sudo nano reverse_proxy2.conf
```



```
GNU nano 4.8
server {
    listen 85;
    server_name localhost;

    location / {
        proxy_pass http://localhost:82/test1/;
    }
}
```

Then, we create a symbolic link for **reverse_proxy2.conf**. After that we check syntactical error and if there is no error we restart the nginx server as follows;



```
aashish@aashish-VirtualBox:/etc/nginx/sites-available$ sudo ln -rs /etc/nginx/sites-available/reverse_proxy2.conf /etc/nginx/sites-enabled/
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 as follows;



Test is successful

Hence, the test is successful and working fine at **localhost:85**.