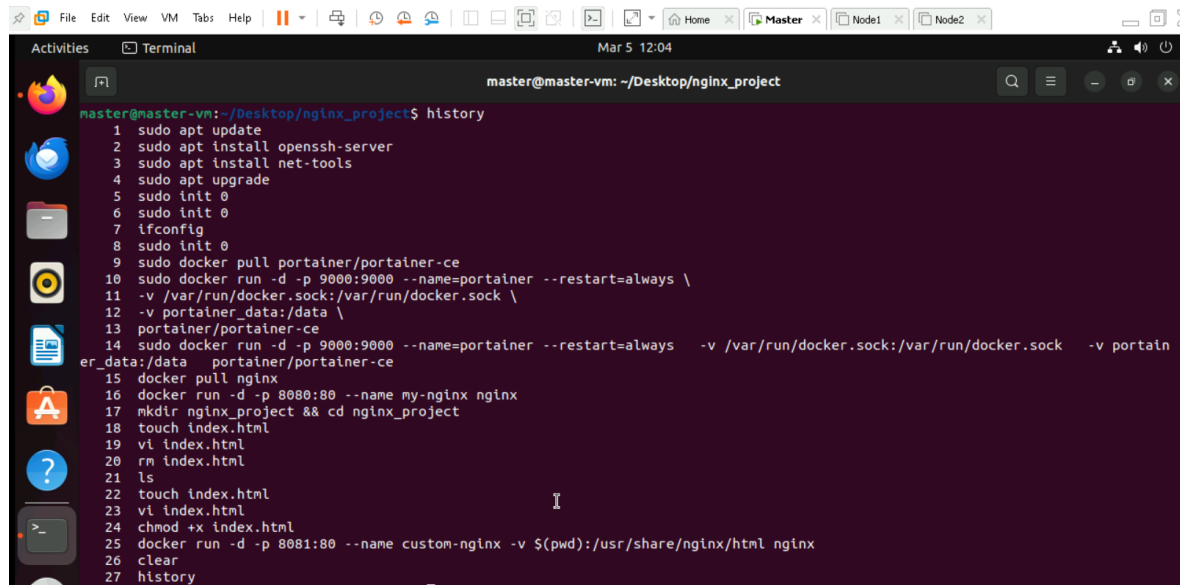


## Docker 2

### 1. Installing and enabling docker inside Ubuntu terminal & Connecting ubuntu terminal with GUI based portainer



```
master@master-vm: ~/Desktop/nginx_project$ history
1 sudo apt update
2 sudo apt install openssh-server
3 sudo apt install net-tools
4 sudo apt upgrade
5 sudo init 0
6 sudo init 0
7 ifconfig
8 sudo init 0
9 sudo docker pull portainer/portainer-ce
10 sudo docker run -d -p 9000:9000 --name=portainer --restart=always \
11 -v /var/run/docker.sock:/var/run/docker.sock \
12 -v portainer_data:/data \
13 portainer/portainer-ce
14 sudo docker run -d -p 9000:9000 --name=portainer --restart=always -v /var/run/docker.sock:/var/run/docker.sock -v portainer_data:/data portainer/portainer-ce
15 docker pull nginx
16 docker run -d -p 8080:80 --name my-nginx nginx
17 mkdir nginx_project && cd nginx_project
18 touch index.html
19 vi index.html
20 rm index.html
21 ls
22 touch index.html
23 vi index.html
24 chmod +x index.html
25 docker run -d -p 8081:80 --name custom-nginx -v $(pwd):/usr/share/nginx/html nginx
26 clear
27 history
```

2. Go to <http://localhost:9000> and set the password
3. Deploy an Nginx Web Server with Docker
4. Open <http://localhost:8080> and we will see default Nginx welcome page.
5. Then Create Customized Nginx with own HTML page
6. Refresh <http://localhost:8081> and we will see the customer page.
7. Output

