chandinik@LAPTOP-UJ5GD8G0:~$ docker container run -d -p 80:80 -t --name mynginx ubuntu

3cfedcdbc79188775bb0a2bf59f5c2301b4d183748adef25a825bf3ce1eba956

chandinik@LAPTOP-UJ5GD8G0:~$ docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

3cfedcdbc791 ubuntu "/bin/bash" 12 minutes ago Up 12 minutes 0.0.0.0:80->80/tcp mynginx

chandinik@LAPTOP-UJ5GD8G0:~$ docker container exec -it mynginx bash

root@3cfedcdbc791:/# apt-get update

Hit:1 http://security.ubuntu.com/ubuntu focal-security InRelease

Hit:2 http://archive.ubuntu.com/ubuntu focal InRelease

Hit:3 http://archive.ubuntu.com/ubuntu focal-updates InRelease

Hit:4 http://archive.ubuntu.com/ubuntu focal-backports InRelease

Reading package lists... Done

root@3cfedcdbc791:/# apt-get install -y nginx

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following additional packages will be installed:l

invoke-rc.d: policy-rc.d denied execution of start.

Setting up nginx (1.18.0-0ubuntu1) ...

Processing triggers for libc-bin (2.31-0ubuntu9) ...

root@3cfedcdbc791:/# /etc/init.d/nginx status

\* nginx is not running

root@3cfedcdbc791:/# cd /var/www/html/

root@3cfedcdbc791:/var/www/html# ls

index.nginx-debian.html

root@3cfedcdbc791:/var/www/html# cat index.nginx-debian.html

root@3cfedcdbc791:/var/www/html# ls -l /var/www/html/index.nginx-debian.html

-rw-r--r-- 1 root root 612 Aug 16 14:32 /var/www/html/index.nginx-debian.html

root@3cfedcdbc791:/var/www/html# echo "Welcome ti Base Nginx Contaier">index.nginx-debian.html

root@3cfedcdbc791:/var/www/html# cat index.nginx-debian.html

Welcome ti Base Nginx Contaier

root@3cfedcdbc791:/var/www/html# nginx -g 'daemon off;'

^Croot@3cfedcdbc791:/var/www/html# exit

Exit

**Create Docker Filer**

chandinik@LAPTOP-UJ5GD8G0:~$ mkdir demo

chandinik@LAPTOP-UJ5GD8G0:~$ cd demo

chandinik@LAPTOP-UJ5GD8G0:~/demo$ nano Dockerfile

FROM ubuntu

RUN apt-get update

RUN apt-get install -y nginx

COPY index.nginx-debian.html /var/www/html

CMD nginx -g 'daemon off;'

chandinik@LAPTOP-UJ5GD8G0:~/demo$ nano index.nginx-debian.html

chandinik@LAPTOP-UJ5GD8G0:~/demo$ nano Dockerfile

chandinik@LAPTOP-UJ5GD8G0:~/demo$ ls -l

total 8

-rw-r--r-- 1 chandinik chandinik 130 Aug 16 17:21 Dockerfile

-rw-r--r-- 1 chandinik chandinik 32 Aug 16 17:18 index.nginx-debian.html

chandinik@LAPTOP-UJ5GD8G0:~/demo$ docker build .

Sending build context to Docker daemon 3.072kB

**Step 1/5 : FROM ubuntu**

---> 1e4467b07108

**Step 2/5 : RUN apt-get update**

---> Running in ce7db0056b94

Get:1 http://archive.ubuntu.com/ubuntu focal InRelease [265 kB]

Setting up nginx (1.18.0-0ubuntu1) ...

Processing triggers for libc-bin (2.31-0ubuntu9) ...

Removing intermediate container 52534efa28bc

---> 32a89de97b92

**Step 4/5 : COPY index.nginx-debian.html /var/www/html**

---> 5261741f91a1

**Step 5/5 : CMD nginx -g 'daemon off;'**

---> Running in 9e8b58555919

Removing intermediate container 9e8b58555919

---> 11f392f2c1c5

**Successfully built 11f392f2c1c5**

chandinik@LAPTOP-UJ5GD8G0:~/demo$ docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

<none> <none> 11f392f2c1c5 14 seconds ago 156MB

userinformation dev cf3df7ab5849 21 hours ago 207MB

docker dev 6e8aa62ae59d 22 hours ago 207MB

nginx latest 4bb46517cac3 2 days ago 133MB

mcr.microsoft.com/dotnet/core/aspnet 3.1-buster-slim bdca989bc8d3 4 days ago 207MB

busybox latest 018c9d7b792b 2 weeks ago 1.22MB

ubuntu latest 1e4467b07108 3 weeks ago 73.9MB

docker/getting-started latest 1f32459ef038 4 weeks ago 26.8MB

hello-world latest bf756fb1ae65 7 months ago 13.3kB

chandinik@LAPTOP-UJ5GD8G0:~/demo$ docker container run -d -p 8001:80 --name mycustomnginx 11f392f2c1c5

dd416ec6e254ff9f4864de9bb748c730585a912f70c7e0b70137ab498d6355a4

chandinik@LAPTOP-UJ5GD8G0:~/demo$ docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

dd416ec6e254 11f392f2c1c5 "/bin/sh -c 'nginx -…" 6 seconds ago Up 3 seconds 0.0.0.0:8001->80/tcp mycustomnginx

3cfedcdbc791 ubuntu "/bin/bash" 40 minutes ago Up 40 minutes 0.0.0.0:80->80/tcp mynginx

chandinik@LAPTOP-UJ5GD8G0:~/demo$ curl 127.0.0.1:8001

Welcome to Base Nginx Container