First create the angular project using command as

ng new angular-docker

After development task we have to build this project.

ng build

Then create the Docker file

FROM nginx

COPY ./dist/angular-docker/ /usr/share/nginx/html/

Build the image

docker build -t angular-batch7 . -f Dockerfile

nginx is open source server by default run on port number 80.

Then run the application using command as

docker run –d –p 80:80 angular-batch7

command to publish the image

docker push dockeraccountId/imageName

Before push we have to provide the tag like identity or version for that image

docker tag imageName dockeraccountid/imageName:1.0

or

docker tag imageName dockeraccountid/imageName:latest

once the tag created then you can push this image using commands as

docker push akashkale/angular-batch7:1.0

if you get error as authentication then you have to write as

docker login

dockeraccountid:

password :

docker pull akashkale/angular-batch7:1.0

docker run –d –p 82:80 akashkale/angular-batch7:1.0