Deployment Of Frontend Application by making custom image using nginx as base image and running on Container

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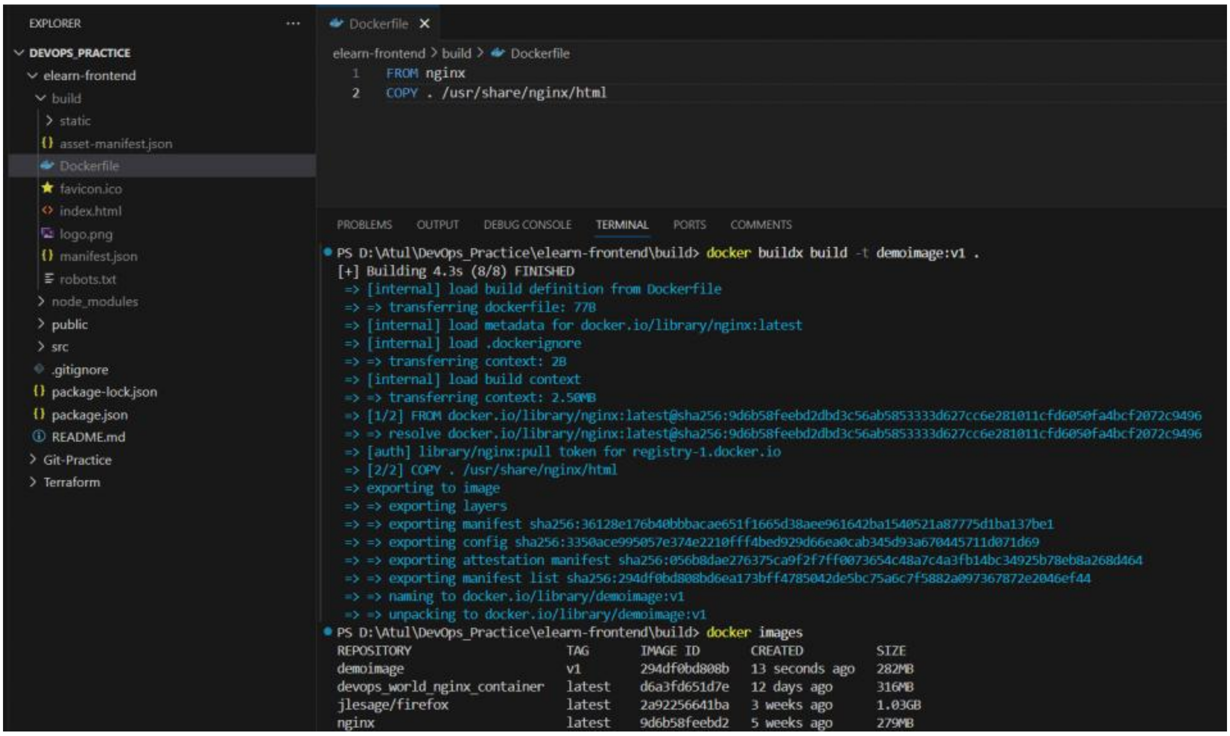
Follow all the process mention in the README.md and run npm run build and this will create build folder.
Go inside the build folder and create Dockerfile

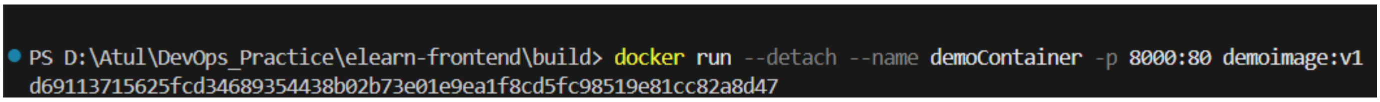
Using this command docker buildx build -t demoimage:v1 . This will create a custom image of application using nginx base image on Debian based operating system.



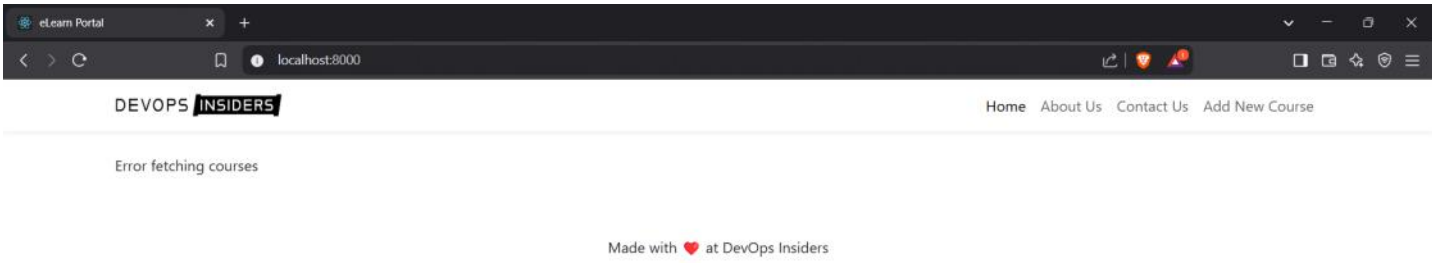
```
FROM nginx
COPY . /usr/share/nginx/html
```

```
PS D:\Atul\DevOps_Practice\elearn-frontend\build> docker buildx build -t demoimage:v1 .
[+] Building 4.3s (8/8) FINISHED
 => [internal] load build definition from Dockerfile
 => => transferring dockerfile: 77B
 => [internal] load metadata for docker.io/library/nginx:latest
 => [internal] load .dockerignore
 => => transferring context: 2B
 => [internal] load build context
 => => transferring context: 2.50MB
 => [1/2] FROM docker.io/library/nginx:latest@sha256:9d6b58feebd2dbd3c56ab5853333d627cc6e281011cfd6050fa4bcf2072c9496
 => => resolve docker.io/library/nginx:latest@sha256:9d6b58feebd2dbd3c56ab5853333d627cc6e281011cfd6050fa4bcf2072c9496
 => [auth] library/nginx:pull token for registry-1.docker.io
 => [2/2] COPY . /usr/share/nginx/html
 => exporting to image
 => => exporting layers
 => => exporting manifest sha256:36128e176b40bbbacae651f1665d38aee961642ba1540521a87775d1ba137be1
 => => exporting config sha256:3350ace995057e374e2210fff4bed929d66ea0cab345d93a670445711d071d69
 => => exporting attestation manifest sha256:056b8dae276375ca9f2f7ff0073654c48a7c4a3fb14bc34925b78eb8a268d464
 => => exporting manifest list sha256:294df0bd808bd6ea173bff4785042de5bc75a6c7f5882a097367872e2046ef44
 => => naming to docker.io/library/demoimage:v1
 => => unpacking to docker.io/library/demoimage:v1
PS D:\Atul\DevOps_Practice\elearn-frontend\build> docker images
REPOSITORY                   TAG       IMAGE ID       CREATED          SIZE
demoimage                    v1        294df0bd808b   13 seconds ago   282MB
devops_world_nginx_container latest    d6a3fd651d7e   12 days ago      316MB
jlesage/firefox              latest    2a92256641ba   3 weeks ago      1.03GB
nginx                        latest    9d6b58feebd2   5 weeks ago      279MB
```

Now it is ready to run this image on the Newly created container.



```
PS D:\Atul\DevOps_Practice\elearn-frontend\build> docker run --detach --name demoContainer -p 8000:80 demoimage:v1
d69113715625fcd34689354438b02b73e01e9ea1f8cd5fc98519e81cc82a8d47
```



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