

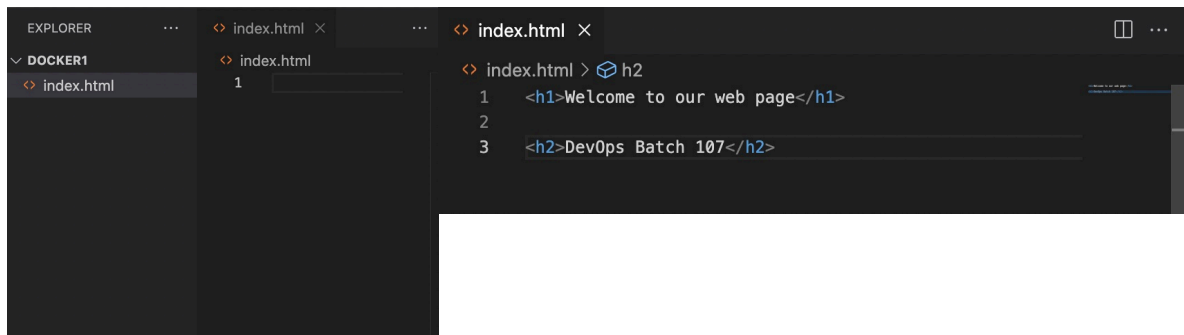
Dockerize HTML page

Docker Hub is a registry, collection of repos on Docker Hub, you can have public or private repositories for your applications. Repository is having versions of an application, collection of related images.

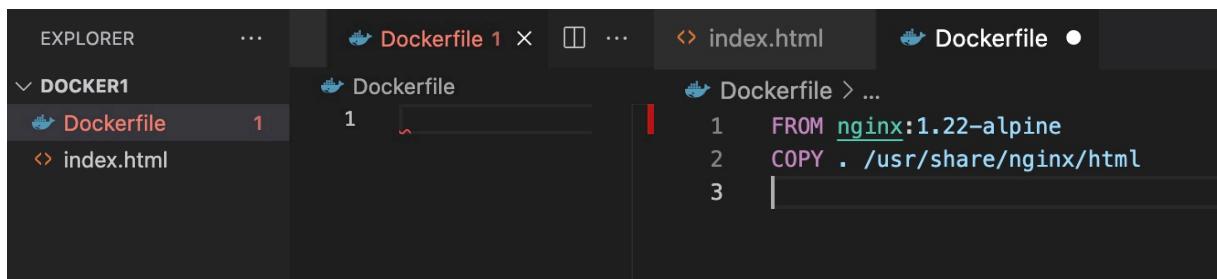
I create a file named docker1.

```
muhammedumit@Umits-MacBook ~ % mkdir docker1 && cd docker1
muhammedumit@Umits-MacBook docker1 % pwd
/Users/muhammedumit/docker1
muhammedumit@Umits-MacBook docker1 %
```

I create index.html file on visual studio and paste '`<h1>Welcome to our web page</h1>`
`<h2>DevOps Batch 107</h2>`'



I create a Dockerfile on visual studio and paste 'FROM nginx:1.22-alpine
COPY . /usr/share/nginx/html'



Now I will build the image by using code 'docker build -t myapp .'

```
● muhammedumit@Umits-MacBook docker1 % docker build -t myapp:0.1
[+] Building 2.6s (8/8) FINISHED docker:desktop-linux
=> [internal] load .dockerignore 0.0s
=> => transferring context: 34B 0.0s
=> [internal] load build definition from Docker 0.0s
=> => transferring dockerfile: 89B 0.0s
=> [internal] load metadata for docker.io/library 1.4s
=> [auth] library/nginx:pull token for registry 0.0s
=> [internal] load build context 0.0s
=> => transferring context: 223B 0.0s
=> [1/2] FROM docker.io/library/nginx:1.22-alpi 1.1s
=> => resolve docker.io/library/nginx:1.22-alpi 0.0s
=> => sha256:b94fc67712d48c2da88737 626B / 626B 0.1s
=> => sha256:8745c93f1a1c33a8ec 1.65kB / 1.65kB 0.0s
=> => sha256:d110e166549e7c5fbd 1.78kB / 1.78kB 0.0s
=> => sha256:ea04a8a79c513dac 15.92kB / 15.92kB 0.0s
=> => sha256:c41833b44d910632b4 3.26MB / 3.26MB 0.2s
=> => sha256:871f52f2d8c5b056bd 1.78MB / 1.78MB 0.3s
=> => sha256:a12426eacd507bd4385f3f 956B / 956B 0.3s
=> => extracting sha256:c41833b44d910632b415cd8 0.1s
=> => sha256:0ff84bd0545a59086b448c 771B / 771B 0.4s
=> => sha256:e1169f8a74ebb7b963 1.40kB / 1.40kB 0.4s
=> => extracting sha256:871f52f2d8c5b056bd6a143 0.2s
=> => sha256:ebadb19b9fa4694c 11.11MB / 11.11MB 0.6s
=> => extracting sha256:b94fc67712d48c2da887377 0.0s
=> => extracting sha256:a12426eacd507bd4385f3f6 0.0s
=> => extracting sha256:0ff84bd0545a59086b448c4 0.0s
=> => extracting sha256:e1169f8a74ebb7b963abf4c 0.0s
=> => extracting sha256:ebadb19b9fa4694cd5ced14 0.3s
=> [2/2] COPY . /usr/share/nginx/html 0.1s
=> => exporting image 0.0s
=> => exporting layers 0.0s
=> => writing image sha256:7825d995b8fa3e933c41 0.0s
=> => naming to docker.io/library/myapp:0.1 0.0s

What's Next?
View summary of image vulnerabilities and recommendations ->
● muhammedumit@Umits-MacBook docker1 % docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
myapp 0.1 7825d995b8fa 43 seconds ago 40.5MB
mysql latest de7c37d1d5ac 4 days ago 599MB
```

I run the image as container by using code 'docker run -d -p 80:80 myapp:0.1'

```
● muhammedumit@Umits-MacBook docker1 % docker run -d -p 80:80 myapp:0.1
e3dd27f2c8393c91b2e577eb2fe05760cef9bfb6a81fe1a7757074cef38390f
○ muhammedumit@Umits-MacBook docker1 %
```

I view the page on a browser on <http://localhost>

Welcome to our web page

DevOps Batch 107