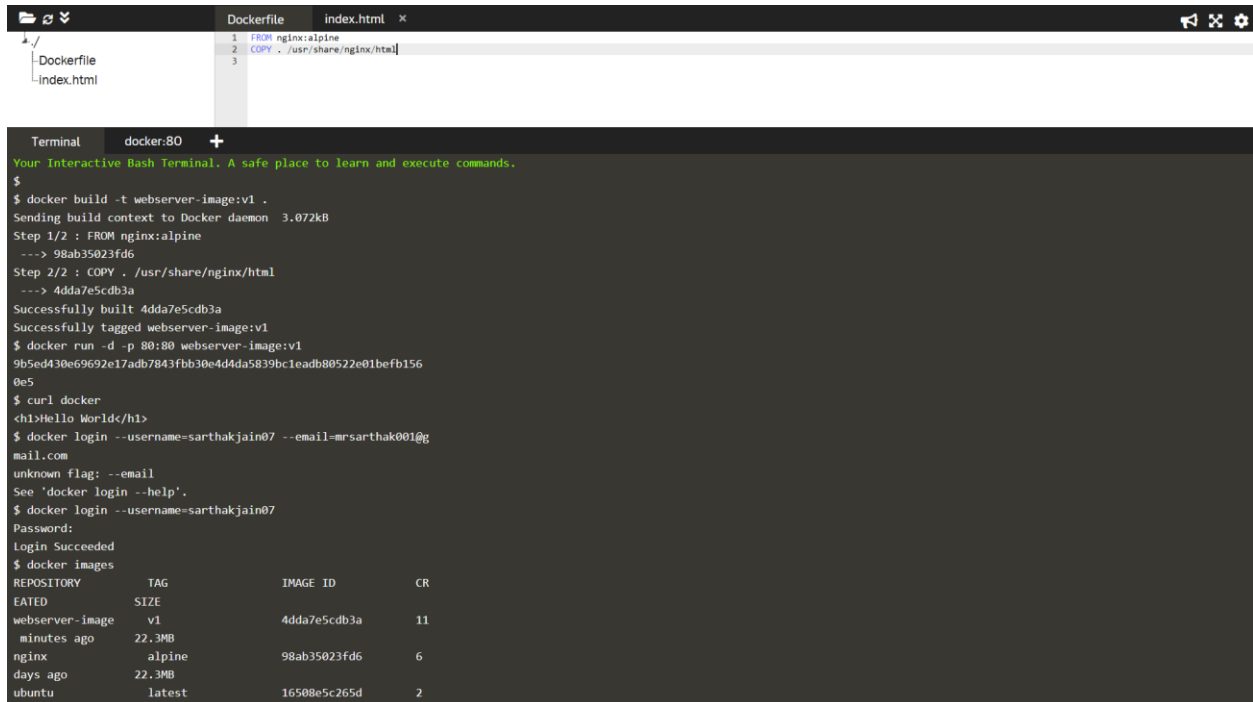


LAB-14

- Build our static HTML image using the build command below.
`docker build -t webserver-image:v1 .`



The screenshot shows a Docker IDE with two tabs: 'Dockerfile' and 'index.html'. The 'Dockerfile' tab is active, showing the following content:

```
1 FROM nginx:alpine
2 COPY . /usr/share/nginx/html
3
```

The 'index.html' tab is also visible, showing the content:

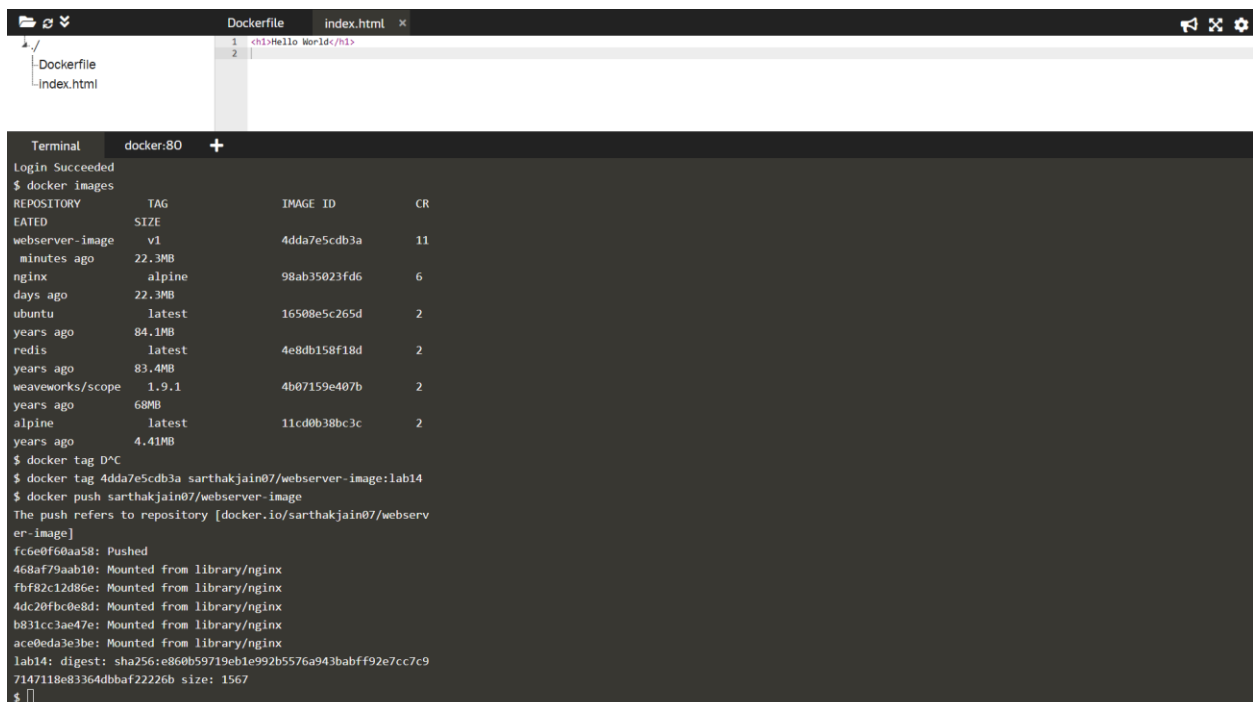
```
<h1>Hello World</h1>
```

Below the tabs is a terminal window titled 'docker:80'. It shows the execution of the following commands and their output:

```
$
$ docker build -t webserver-image:v1 .
Sending build context to Docker daemon 3.072kB
Step 1/2 : FROM nginx:alpine
----> 98ab35023fd6
Step 2/2 : COPY . /usr/share/nginx/html
----> 4dda7e5cdb3a
Successfully built 4dda7e5cdb3a
Successfully tagged webserver-image:v1
$ docker run -d -p 80:80 webserver-image:v1
9b5ed430e69692e17adb7843fbb30e4d4da5839bc1eadb80522e01befb1560e5
$ curl docker
<h1>Hello World</h1>
$ docker login --username=sarthakjain07 --email=msarthak001@gmail.com
unknown flag: --email
See 'docker login --help'.
$ docker login --username=sarthakjain07
Password:
Login Succeeded
$ docker images
```

REPOSITORY	TAG	IMAGE ID	CR
webserver-image	v1	4dda7e5cdb3a	11
nginx	alpine	98ab35023fd6	6
ubuntu	latest	16508e5c265d	2

- You can view a list of all the images on the host using `docker images`.



The screenshot shows a Docker IDE with two tabs: 'Dockerfile' and 'index.html'. The 'Dockerfile' tab is active, showing the following content:

```
1 <h1>Hello World</h1>
2
```

The 'index.html' tab is also visible, showing the content:

```
<h1>Hello World</h1>
```

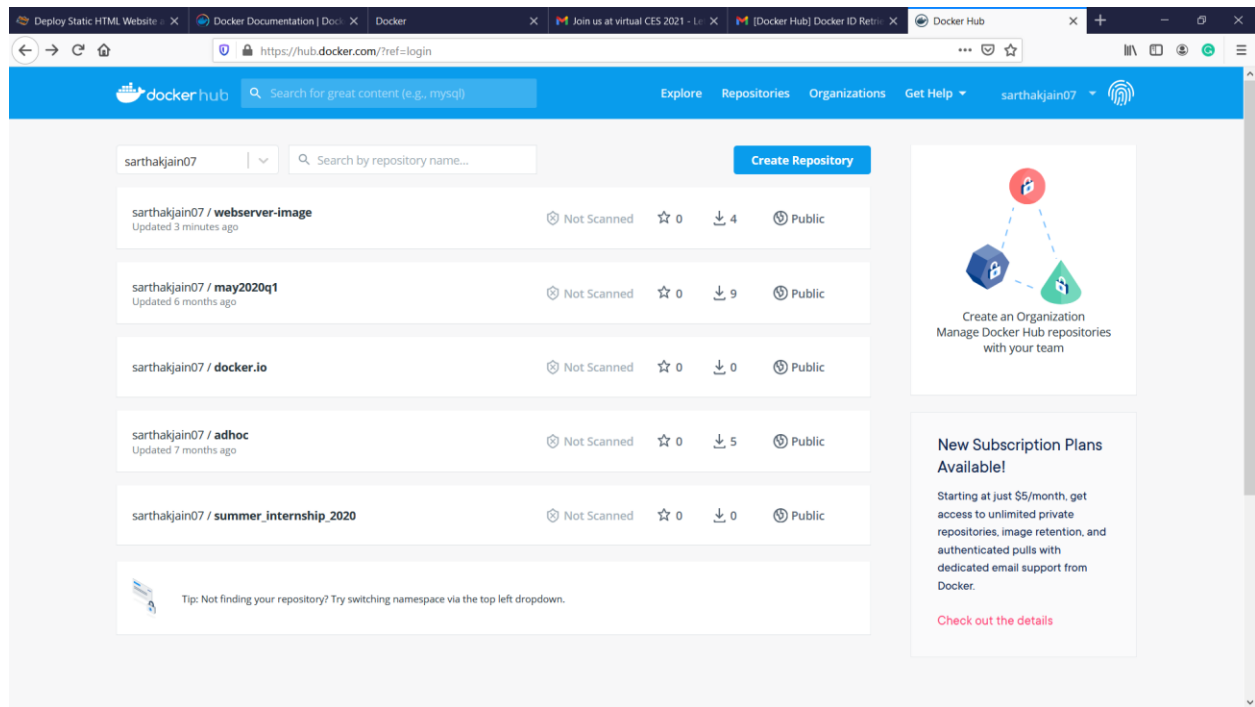
Below the tabs is a terminal window titled 'docker:80'. It shows the execution of the following commands and their output:

```
$ docker images
```

REPOSITORY	TAG	IMAGE ID	CR
webserver-image	v1	4dda7e5cdb3a	11
nginx	alpine	98ab35023fd6	6
ubuntu	latest	16508e5c265d	2
redis	latest	4e8db158f18d	2
weaveworks/scope	1.9.1	4b07159e407b	2
alpine	latest	11cd0b38bc3c	2

```
$ docker tag 4dda7e5cdb3a sarthakjain07/webserver-image:lab14
$ docker push sarthakjain07/webserver-image
The push refers to repository [docker.io/sarthakjain07/webserver-image]
fc6e0f60aa58: Pushed
468af79aab10: Mounted from library/nginx
fbf82c12d86e: Mounted from library/nginx
4dc20fbc0e8d: Mounted from library/nginx
b831cc3ae47e: Mounted from library/nginx
ace0eda3e3be: Mounted from library/nginx
lab14: digest: sha256:e860b59719eb1e992b5576a943babff92e7cc7c97147118e83364dbaf22226b size: 1567
$
```

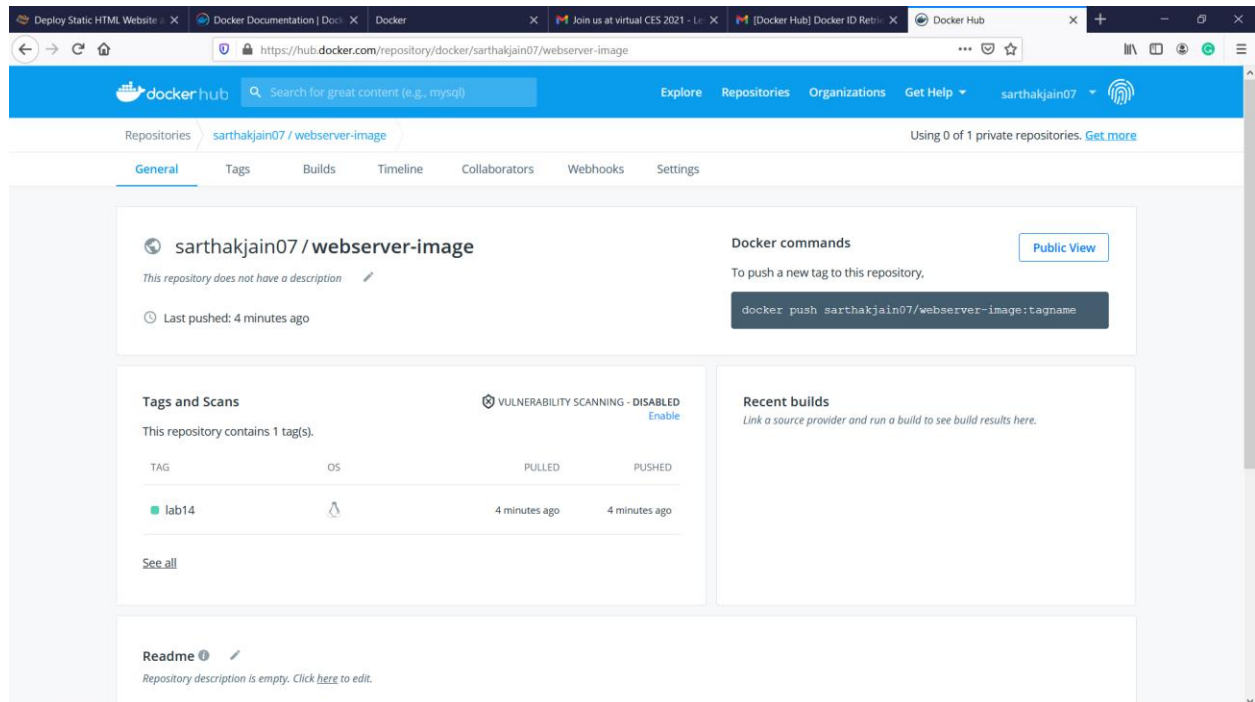
LAB-14



The screenshot shows the Docker Hub homepage for the user 'sarthakjain07'. The browser address bar displays 'https://hub.docker.com/?ref=login'. The page features a blue header with the Docker Hub logo, a search bar, and navigation links: 'Explore', 'Repositories', 'Organizations', 'Get Help', and the user's profile 'sarthakjain07'. Below the header, there is a 'Create Repository' button and a list of repositories for the user. The repositories listed are:

- sarthakjain07 / **webserver-image** (Updated 3 minutes ago, Not Scanned, 0 stars, 4 downloads, Public)
- sarthakjain07 / **may2020q1** (Updated 6 months ago, Not Scanned, 0 stars, 9 downloads, Public)
- sarthakjain07 / **docker.io** (Not Scanned, 0 stars, 0 downloads, Public)
- sarthakjain07 / **adhoc** (Updated 7 months ago, Not Scanned, 0 stars, 5 downloads, Public)
- sarthakjain07 / **summer_internship_2020** (Not Scanned, 0 stars, 0 downloads, Public)

A tip at the bottom left states: 'Tip: Not finding your repository? Try switching namespace via the top left dropdown.' On the right side, there are two promotional cards: 'Create an Organization' and 'New Subscription Plans Available!'.



The screenshot shows the Docker Hub repository page for 'sarthakjain07/webserver-image'. The browser address bar displays 'https://hub.docker.com/repository/docker/sarthakjain07/webserver-image'. The page has a blue header with the Docker Hub logo, a search bar, and navigation links: 'Explore', 'Repositories', 'Organizations', 'Get Help', and the user's profile 'sarthakjain07'. Below the header, there is a 'Using 0 of 1 private repositories. Get more' link. The repository page is divided into several sections:

- General** (selected): Shows the repository name 'sarthakjain07/webserver-image', a note 'This repository does not have a description', and 'Last pushed: 4 minutes ago'.
- Tags and Scans**: Shows a table of tags and scans. The table has columns: TAG, OS, PULLED, and PUSHED. The table contains one row: 'lab14' (OS: linux, PULLED: 4 minutes ago, PUSHED: 4 minutes ago). A note 'VULNERABILITY SCANNING - DISABLED' is visible with an 'Enable' link.
- Docker commands**: Shows a 'Public View' button and a code block with the command: `docker push sarthakjain07/webserver-image:tagname`.
- Recent builds**: Shows a link 'Link a source provider and run a build to see build results here.'
- Readme**: Shows a note 'Repository description is empty. Click [here](#) to edit.'