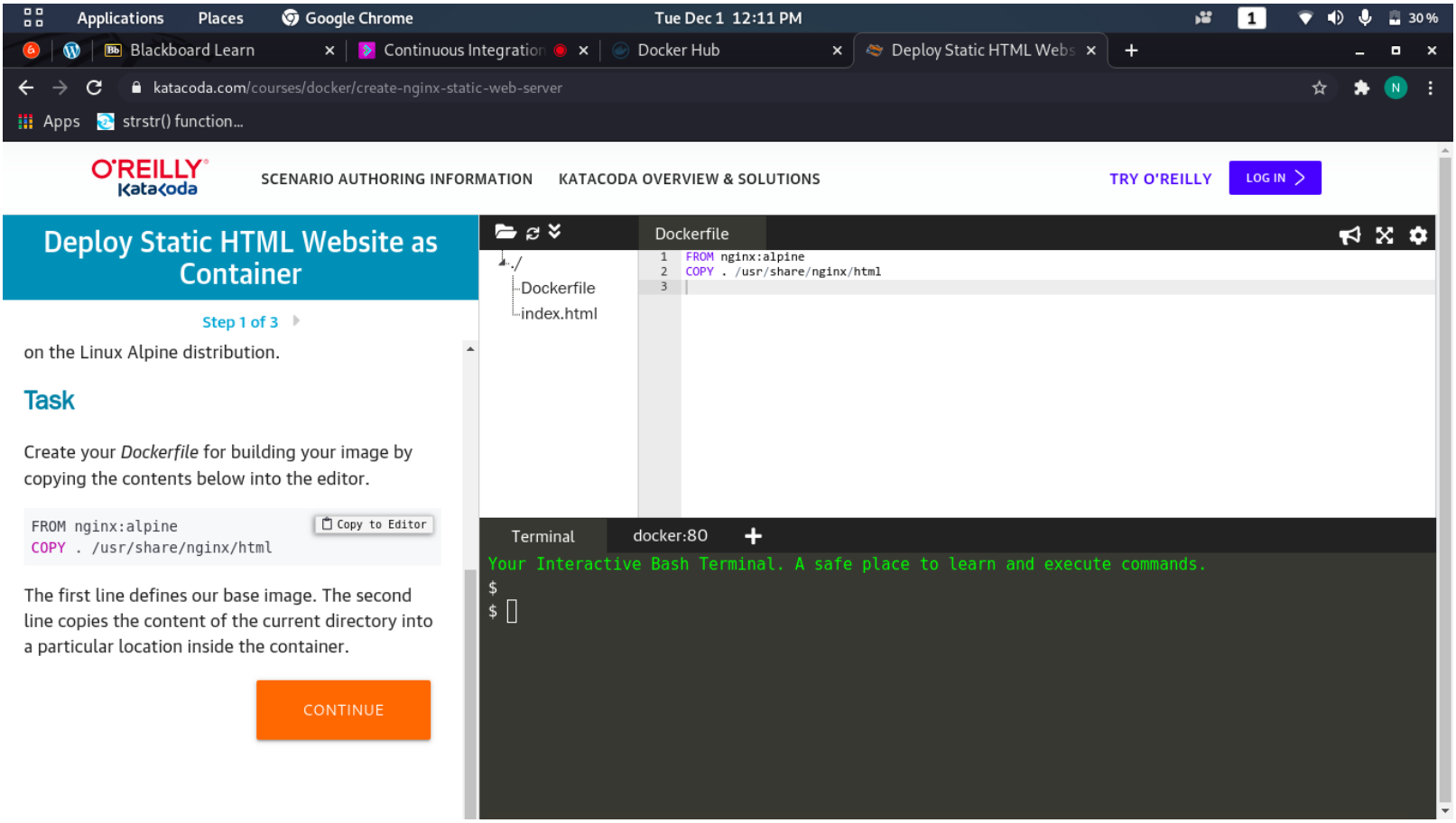
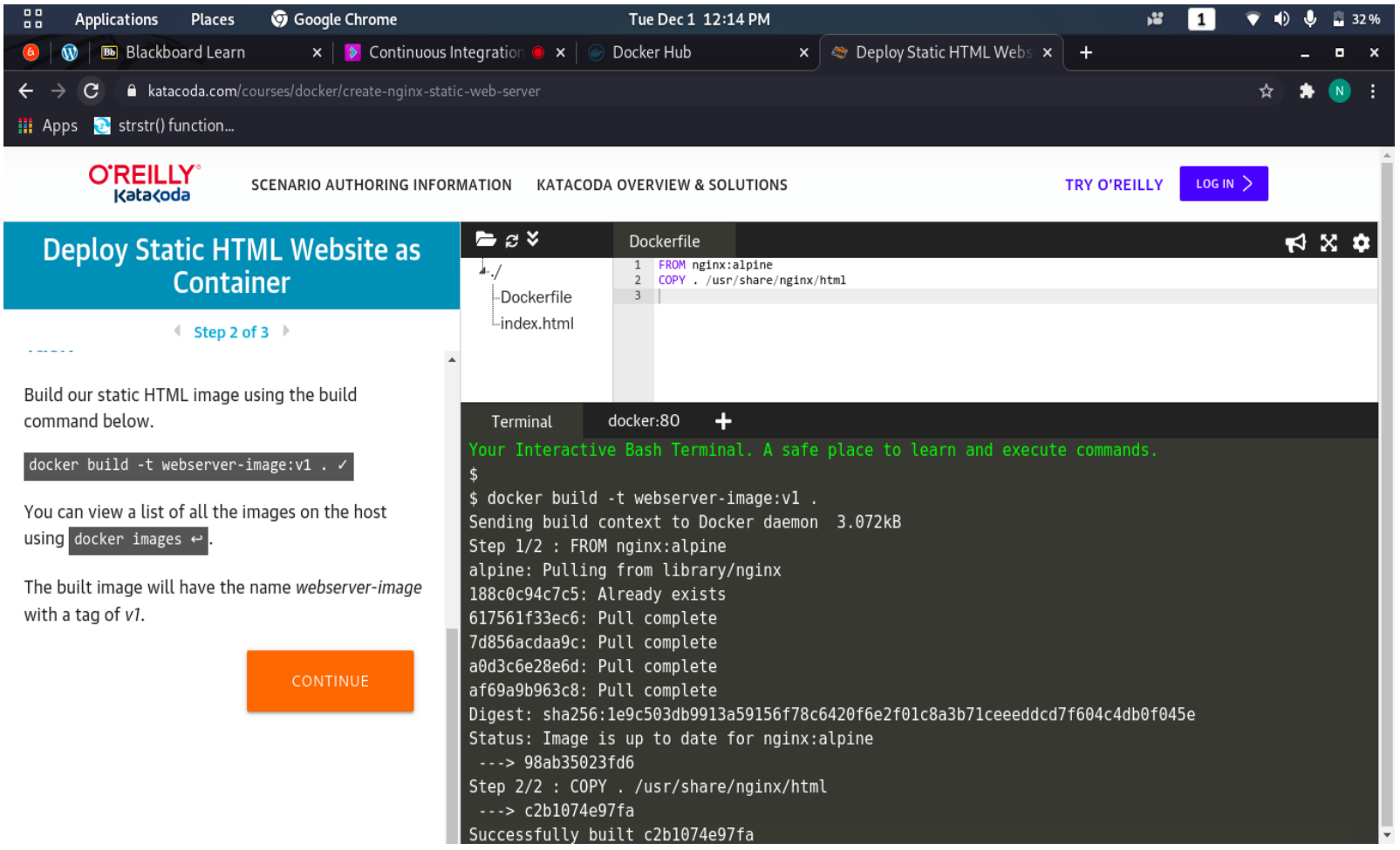
RAJAT PAWAR
R171218080
500069414

EXP-14
MAKING DOCKER FILE


Applications Places Google Chrome Tue Dec 1 12:11 PM 30 %
Blackboard Learn
Continuous Integration
Docker Hub
Deploy Static HTML Webs
katacoda.com/courses/docker/create-nginx-static-web-server
Apps strstr() function...
O'REILLY Katacoda
SCENARIO AUTHORING INFORMATION
KATACODA OVERVIEW & SOLUTIONS
TRY O'REILLY
LOG IN
Deploy Static HTML Website as Container
Step 1 of 3
on the Linux Alpine distribution.
Task
Create your Dockerfile for building your image by copying the contents below into the editor.
FROM nginx:alpine
COPY . /usr/share/nginx/html
Copy to Editor
The first line defines our base image. The second line copies the content of the current directory into a particular location inside the container.
CONTINUE
Dockerfile
./
Dockerfile
index.html
1 FROM nginx:alpine
2 COPY . /usr/share/nginx/html
3
Terminal
docker:80
Your Interactive Bash Terminal. A safe place to learn and execute commands.
$
$


Applications Places Google Chrome Tue Dec 1 12:14 PM 32 %
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Docker Hub
Deploy Static HTML Webs
katacoda.com/courses/docker/create-nginx-static-web-server
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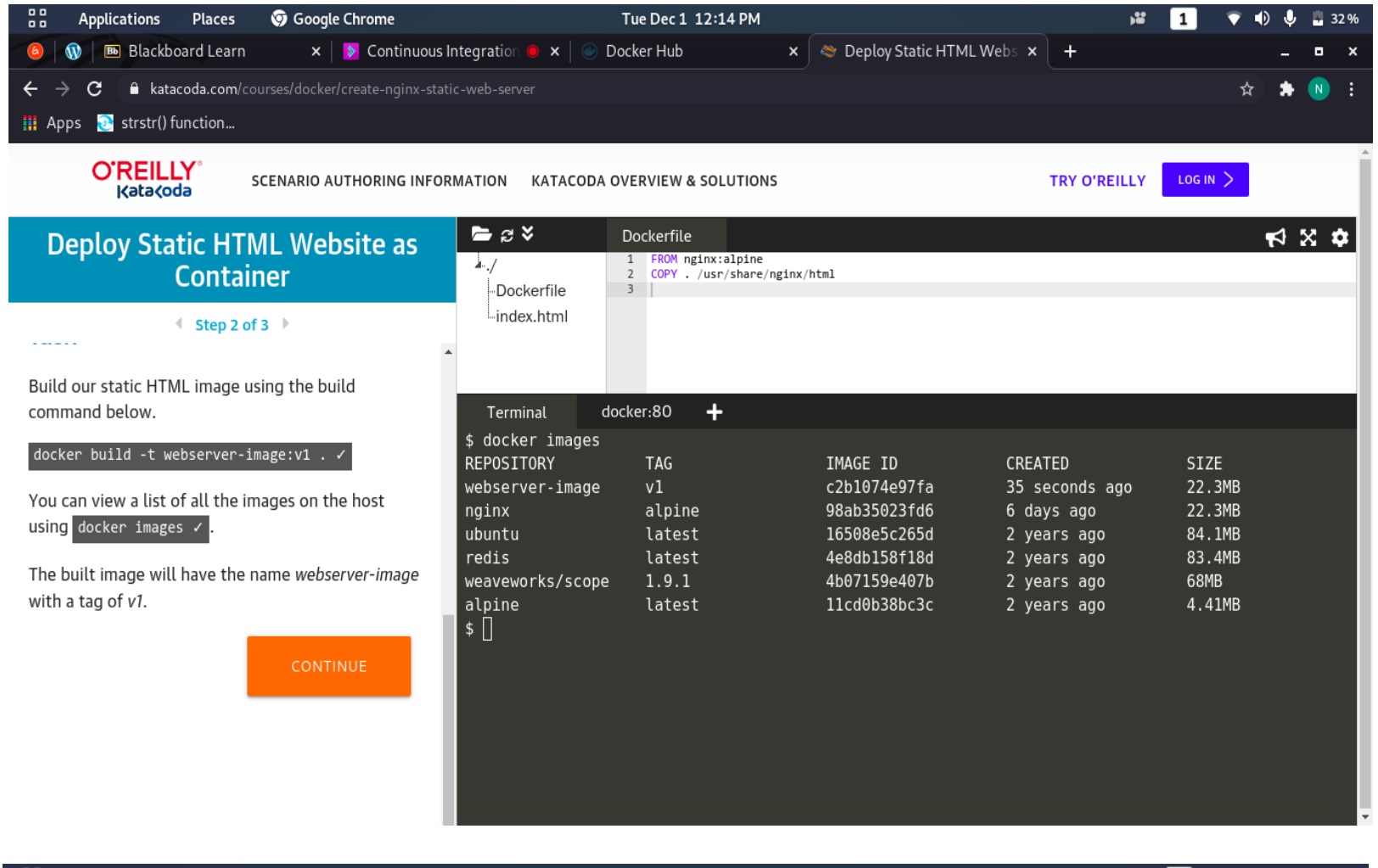
Deploy Static HTML Website as Container
Step 2 of 3
Build our static HTML image using the build command below.
docker build -t webserver-image:v1 . ✓
You can view a list of all the images on the host using docker images ↩.
The built image will have the name webserver-image with a tag of v1.
CONTINUE
Dockerfile
./
Dockerfile
index.html
1 FROM nginx:alpine
2 COPY . /usr/share/nginx/html
3
Terminal
docker:80
Your Interactive Bash Terminal. A safe place to learn and execute commands.
$
$ docker build -t webserver-image:v1 .
Sending build context to Docker daemon 3.072kB
Step 1/2 : FROM nginx:alpine
alpine: Pulling from library/nginx
188c0c94c7c5: Already exists
617561f33ec6: Pull complete
7d856acdaa9c: Pull complete
a0d3c6e28e6d: Pull complete
af69a9b963c8: Pull complete
Digest: sha256:1e9c503db9913a59156f78c6420f6e2f01c8a3b71ceeeddcd7f604c4db0f045e
Status: Image is up to date for nginx:alpine
---> 98ab35023fd6
Step 2/2 : COPY . /usr/share/nginx/html
---> c2b1074e97fa
Successfully built c2b1074e97fa


Applications Places Google Chrome Tue Dec 1 12:14 PM 32 %
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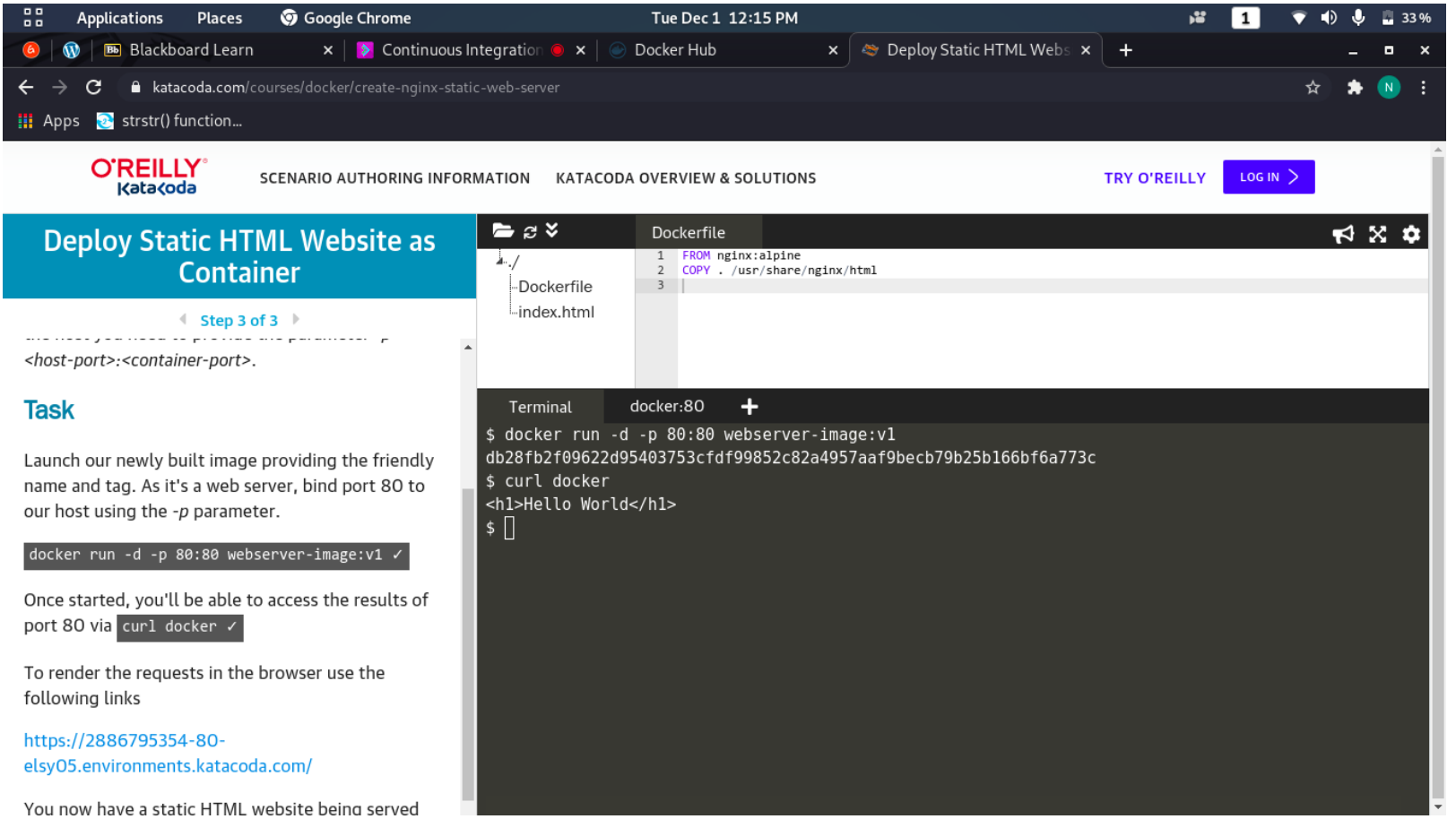
Step 2 of 3
Build our static HTML image using the build command below.
docker build -t webserver-image:v1 . ✓
You can view a list of all the images on the host using docker images ✓.
The built image will have the name webserver-image with a tag of v1.
CONTINUE
Dockerfile
./
Dockerfile
index.html
1 FROM nginx:alpine
2 COPY . /usr/share/nginx/html
3
Terminal
docker:80
$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
webserver-image v1 c2b1074e97fa 35 seconds ago 22.3MB
nginx alpine 98ab35023fd6 6 days ago 22.3MB
ubuntu latest 16508e5c265d 2 years ago 84.1MB
redis latest 4e8db158f18d 2 years ago 83.4MB
weaveworks/scope 1.9.1 4b07159e407b 2 years ago 68MB
alpine latest 11cd0b38bc3c 2 years ago 4.41MB
$


Applications Places Google Chrome Tue Dec 1 12:15 PM 33 %
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Continuous Integration
Docker Hub
Deploy Static HTML Webs
katacoda.com/courses/docker/create-nginx-static-web-server
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strstr() function...
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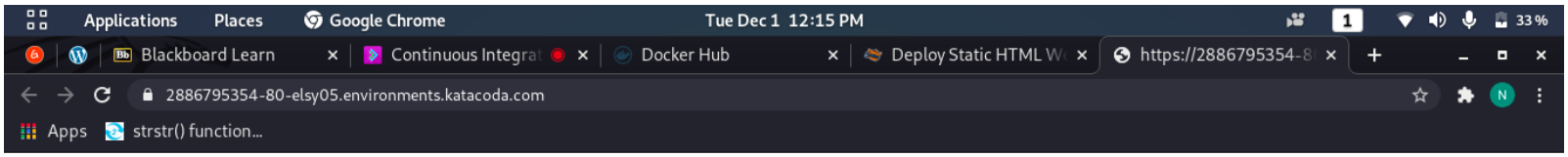
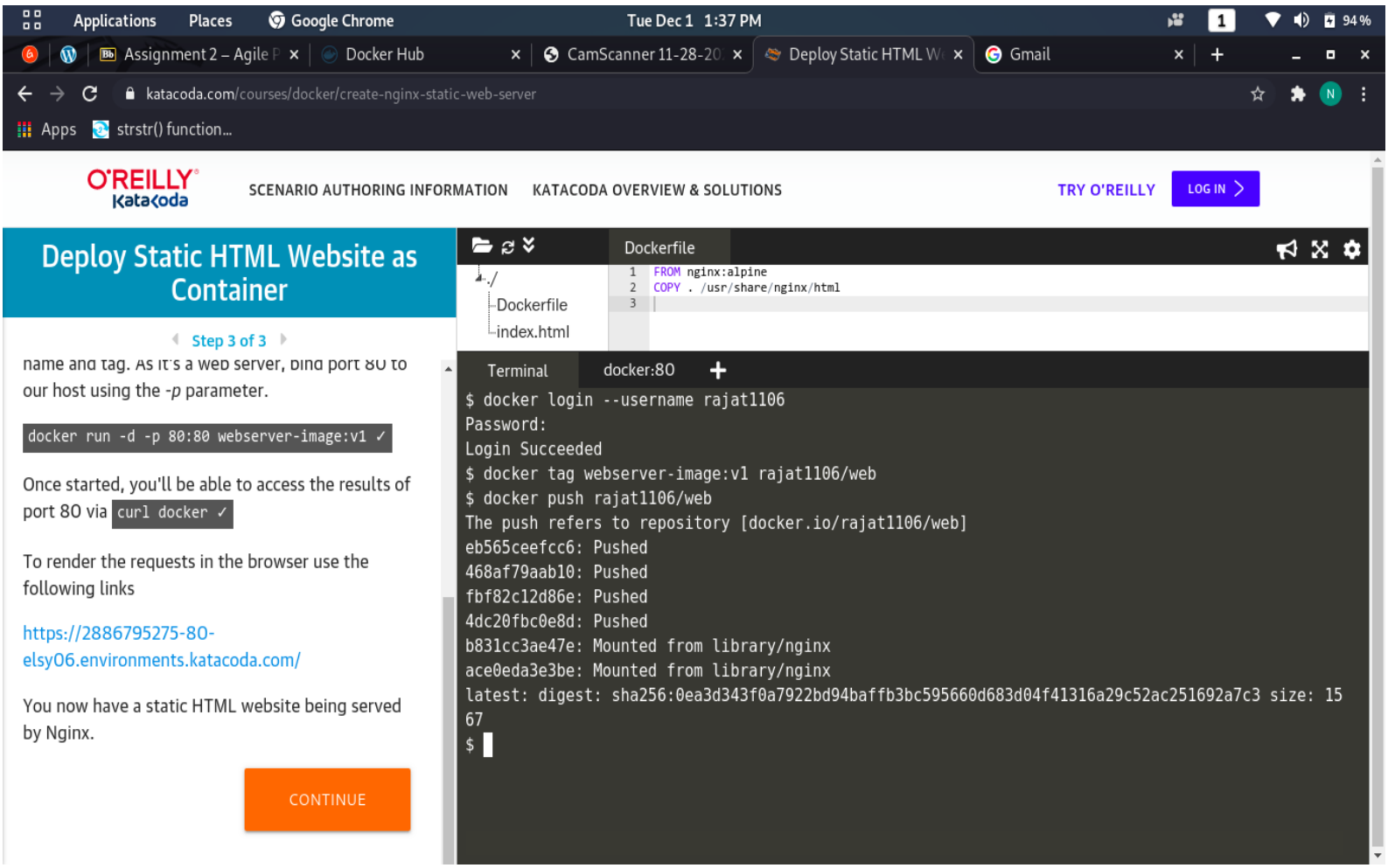
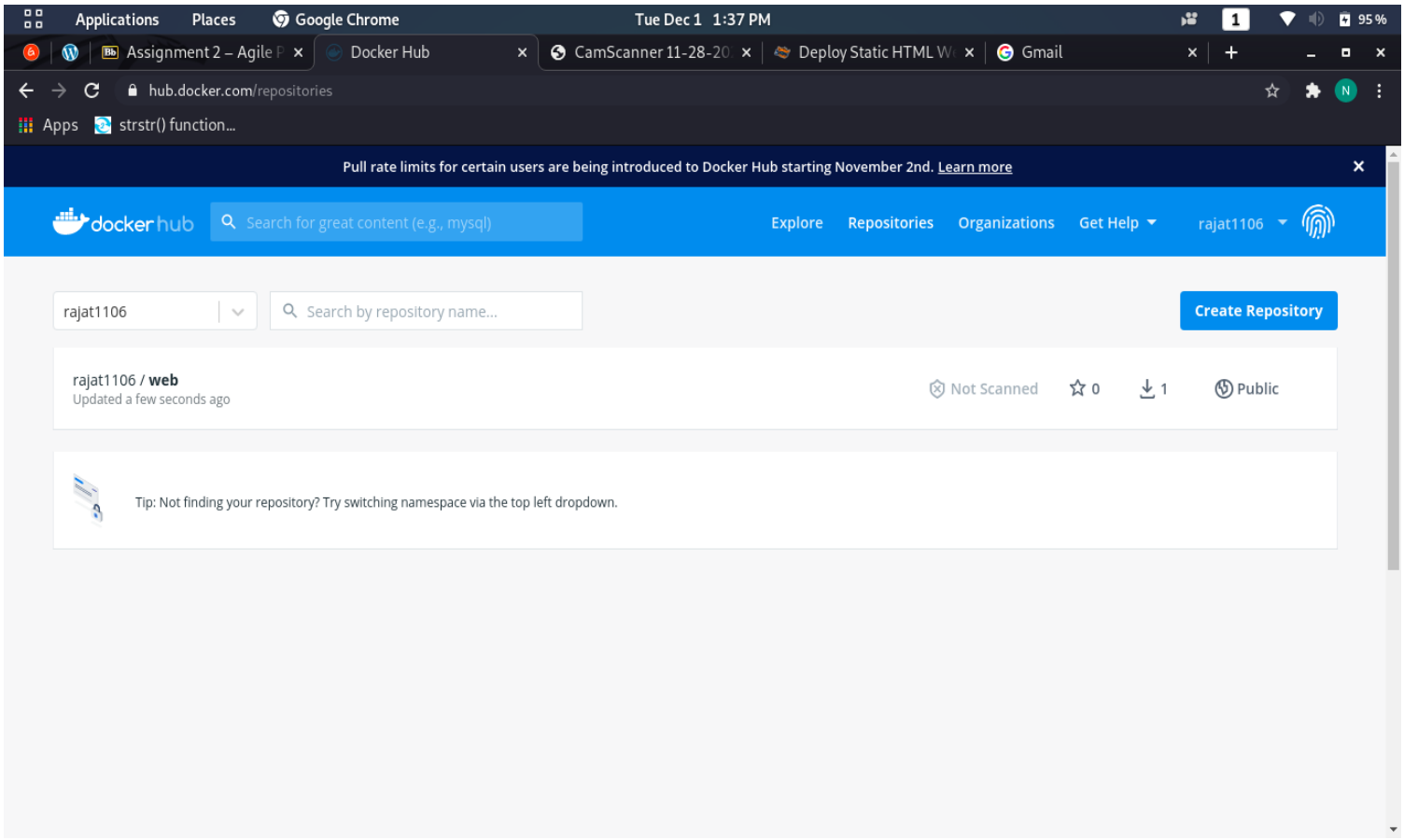
Deploy Static HTML Website as Container
Step 3 of 3
<host-port>:<container-port>.
Task
Launch our newly built image providing the friendly name and tag. As it's a web server, bind port 80 to our host using the -p parameter.
docker run -d -p 80:80 webserver-image:v1 ✓
Once started, you'll be able to access the results of port 80 via curl docker ✓
To render the requests in the browser use the following links
https://2886795354-80-elsy05.environments.katacoda.com/
You now have a static HTML website being served
Dockerfile
./
Dockerfile
index.html
1 FROM nginx:alpine
2 COPY . /usr/share/nginx/html
3
Terminal
docker:80
$ docker run -d -p 80:80 webserver-image:v1
db28fb2f09622d95403753cfdf99852c82a4957aaf9becb79b25b166bf6a773c
$ curl docker
<h1>Hello World</h1>
$


Applications
Places
Google Chrome
Tue Dec 1 12:15 PM
33 %
Blackboard Learn
Continuous Integrat
Docker Hub
Deploy Static HTML W
https://2886795354-8
2886795354-80-elsy05.environments.katacoda.com
Apps
strstr() function...

Hello World


Applications
Places
Google Chrome
Tue Dec 1 1:37 PM
94 %
Assignment 2 – Agile P
Docker Hub
CamScanner 11-28-20
Deploy Static HTML W
Gmail
katacoda.com/courses/docker/create-nginx-static-web-server
Apps
strstr() function...
O'REILLY
Katacoda
SCENARIO AUTHORING INFORMATION
KATACODA OVERVIEW & SOLUTIONS
TRY O'REILLY
LOG IN
Deploy Static HTML Website as Container
Step 3 of 3
name and tag. As it's a web server, bind port 80 to our host using the -p parameter.
docker run -d -p 80:80 webserver-image:v1 ✓
Once started, you'll be able to access the results of port 80 via curl docker ✓
To render the requests in the browser use the following links
https://2886795275-80-elsy06.environments.katacoda.com/
You now have a static HTML website being served by Nginx.
CONTINUE
Dockerfile
./
Dockerfile
index.html
1 FROM nginx:alpine
2 COPY . /usr/share/nginx/html
3
Terminal
docker:80
$ docker login --username rajat1106
Password:
Login Succeeded
$ docker tag webserver-image:v1 rajat1106/web
$ docker push rajat1106/web
The push refers to repository [docker.io/rajat1106/web]
eb565ceefcc6: Pushed
468af79aab10: Pushed
fbf82c12d86e: Pushed
4dc20fbc0e8d: Pushed
b831cc3ae47e: Mounted from library/nginx
ace0eda3e3be: Mounted from library/nginx
latest: digest: sha256:0ea3d343f0a7922bd94baffb3bc595660d683d04f41316a29c52ac251692a7c3 size: 1567
$


Applications
Places
Google Chrome
Tue Dec 1 1:37 PM
95 %
Assignment 2 – Agile P
Docker Hub
CamScanner 11-28-20
Deploy Static HTML W
Gmail
hub.docker.com/repositories
Apps
strstr() function...
Pull rate limits for certain users are being introduced to Docker Hub starting November 2nd. Learn more
docker hub
Search for great content (e.g., mysql)
Explore
Repositories
Organizations
Get Help
rajat1106
rajat1106
Search by repository name...
Create Repository
rajat1106 / web
Updated a few seconds ago
Not Scanned
0
1
Public
Tip: Not finding your repository? Try switching namespace via the top left dropdown.