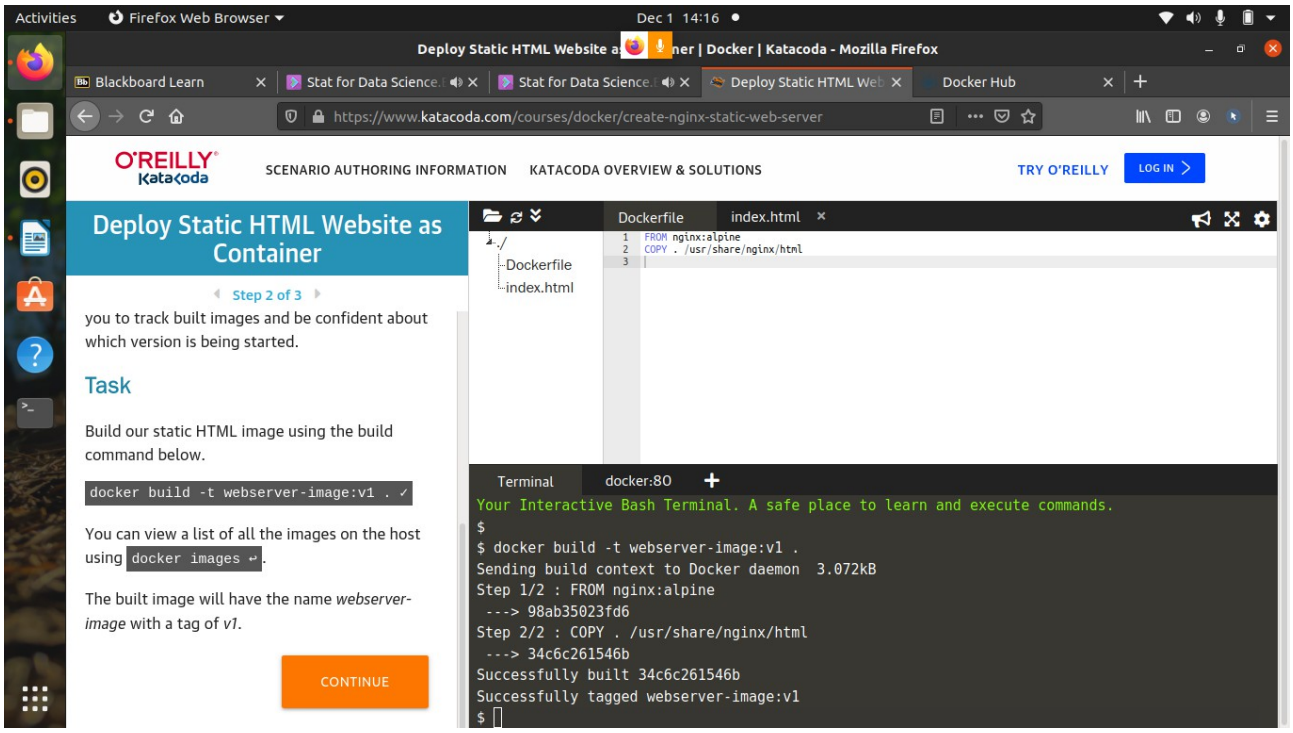
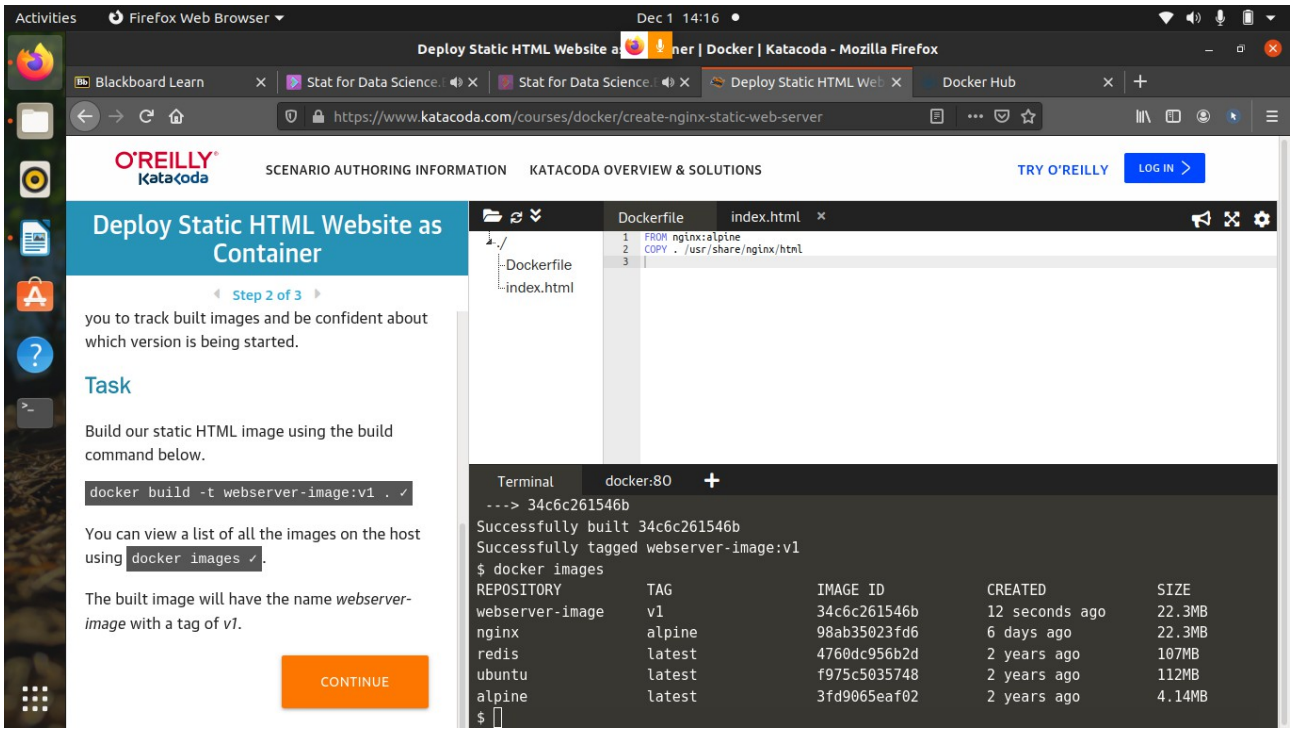
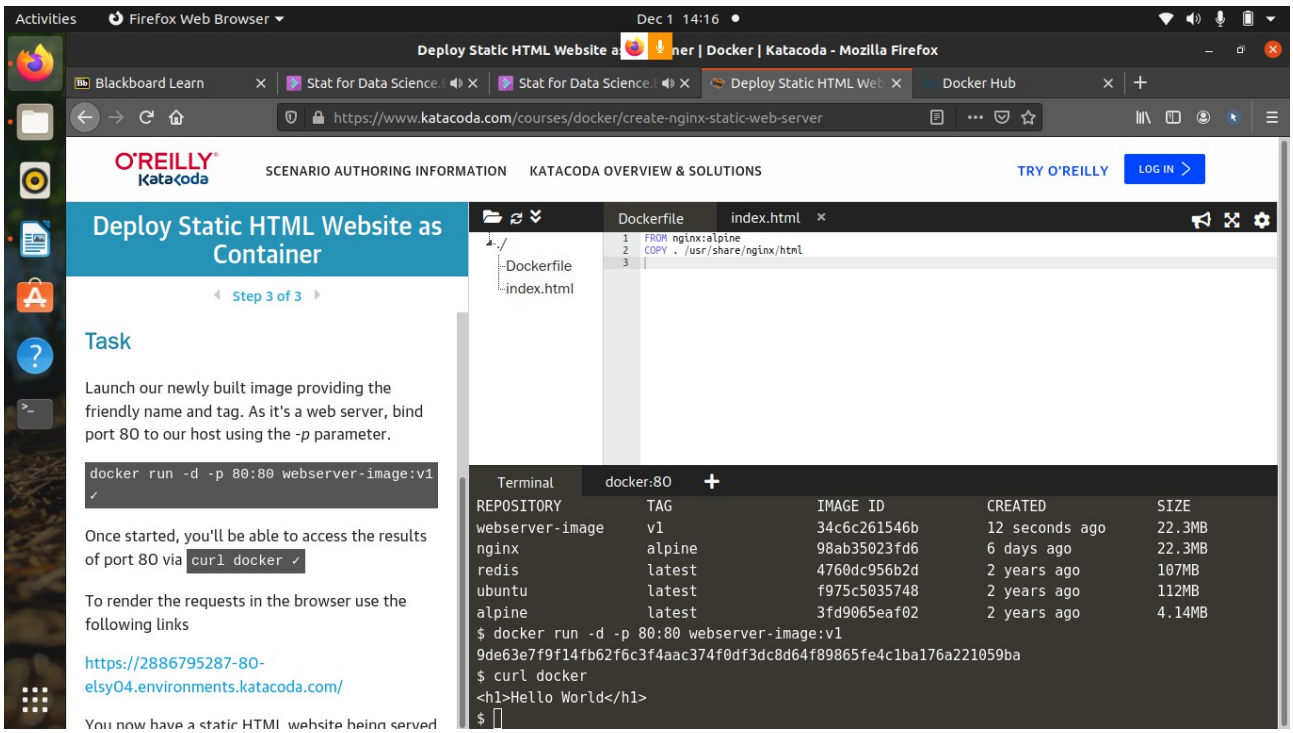
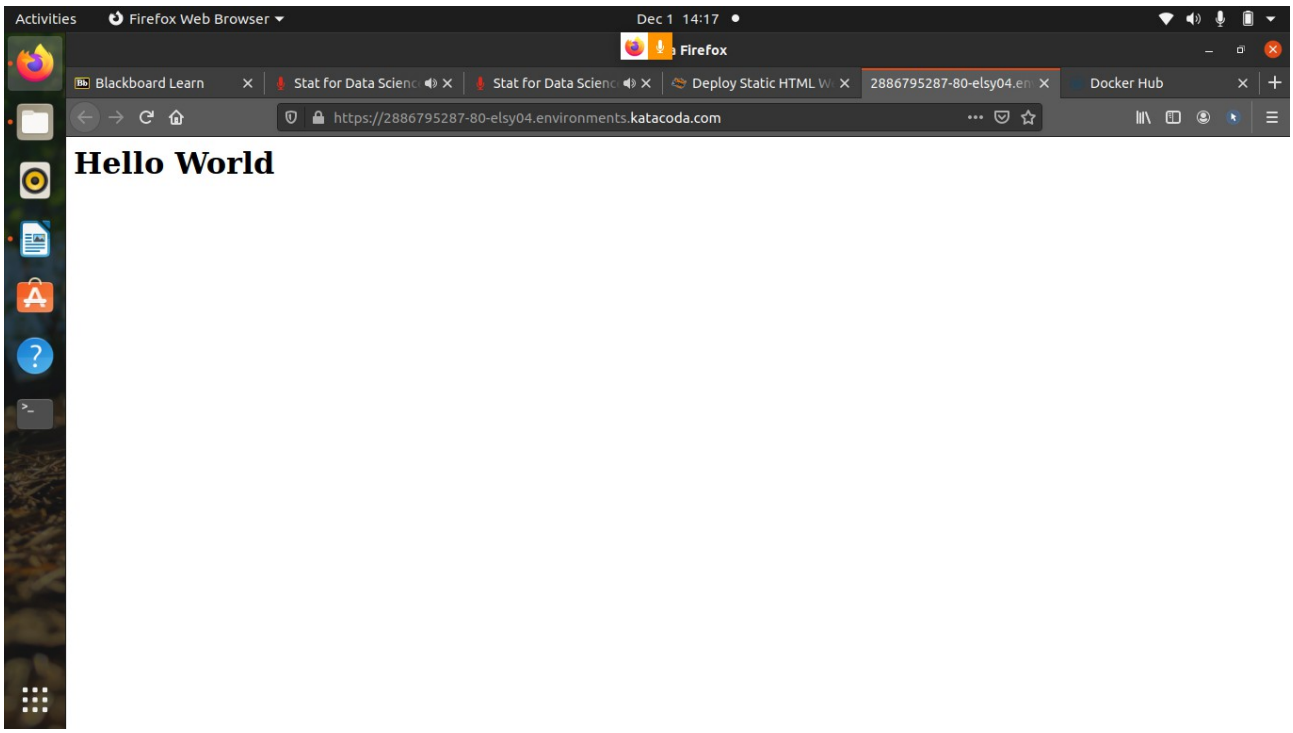
# CICD EXPERIMENT-14

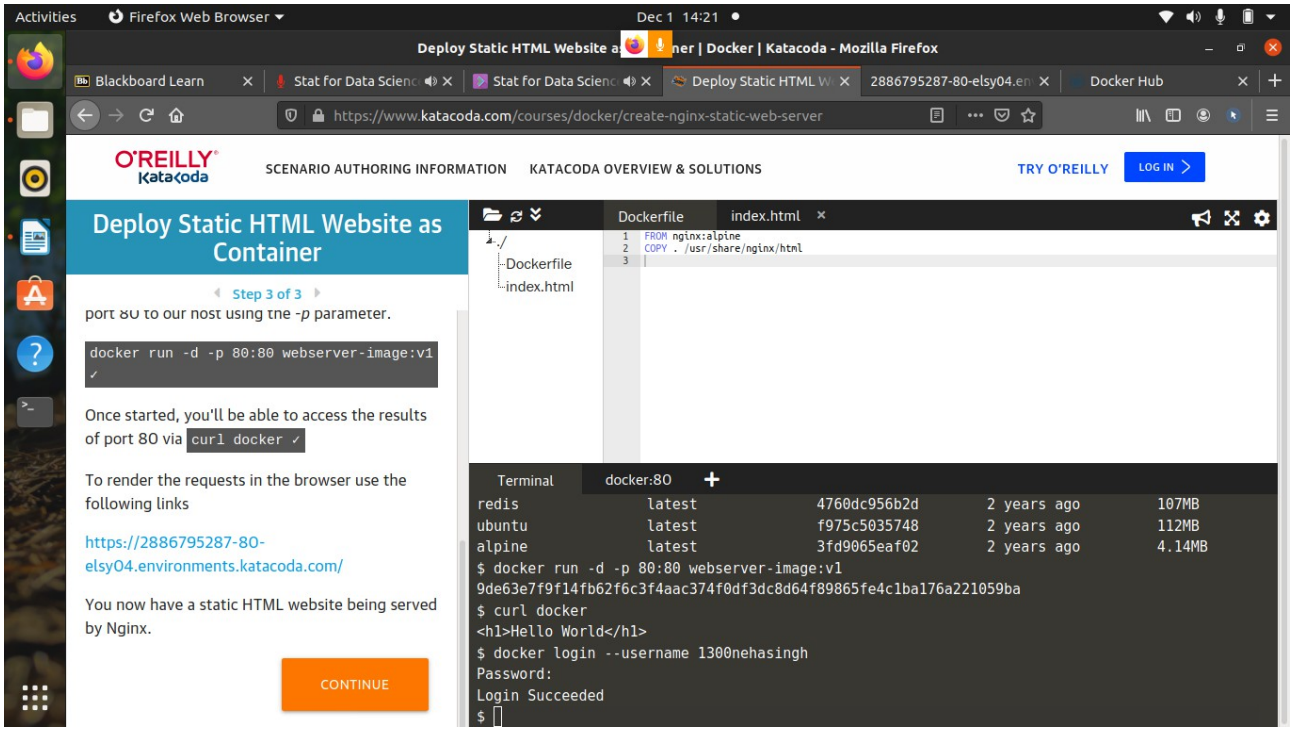

## Neha Singh
## R171218067


Activities
Firefox Web Browser
Dec 1 14:16
Deploy Static HTML Website as Container | Docker | Katacoda - Mozilla Firefox
Blackboard Learn
Stat for Data Science
Stat for Data Science
Deploy Static HTML Web
Docker Hub
https://www.katacoda.com/courses/docker/create-nginx-static-web-server
O'REILLY Katacoda
SCENARIO AUTHORING INFORMATION
KATACODA OVERVIEW & SOLUTIONS
TRY O'REILLY
LOG IN
Deploy Static HTML Website as Container
Step 3 of 3
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://2886795287-80-elsy04.environments.katacoda.com/
You now have a static HTML website being served
./
Dockerfile
index.html
Dockerfile
index.html
1 FROM nginx:alpine
2 COPY . /usr/share/nginx/html
3
Terminal
docker:80
REPOSITORY TAG IMAGE ID CREATED SIZE
webserver-image v1 34c6c261546b 12 seconds ago 22.3MB
nginx alpine 98ab35023fd6 6 days ago 22.3MB
redis latest 4760dc956b2d 2 years ago 107MB
ubuntu latest f975c5035748 2 years ago 112MB
alpine latest 3fd9065eaf02 2 years ago 4.14MB
$ docker run -d -p 80:80 webserver-image:v1
9de63e7f9f14fb62f6c3f4aac374f0df3dc8d64f89865fe4c1ba176a221059ba
$ curl docker
<h1>Hello World</h1>
$


Activities
Firefox Web Browser
Dec 1 14:17
Blackboard Learn
Stat for Data Scienc
Stat for Data Scienc
Deploy Static HTML W
2886795287-80-elsy04.en
Docker Hub
https://2886795287-80-elsy04.environments.katacoda.com
Hello World


Activities
Firefox Web Browser
Dec 1 14:21
Deploy Static HTML Website as Container | Docker | Katacoda - Mozilla Firefox
Blackboard Learn
Stat for Data Scienc
Stat for Data Scienc
Deploy Static HTML W
2886795287-80-elsy04.en
Docker Hub
https://www.katacoda.com/courses/docker/create-nginx-static-web-server
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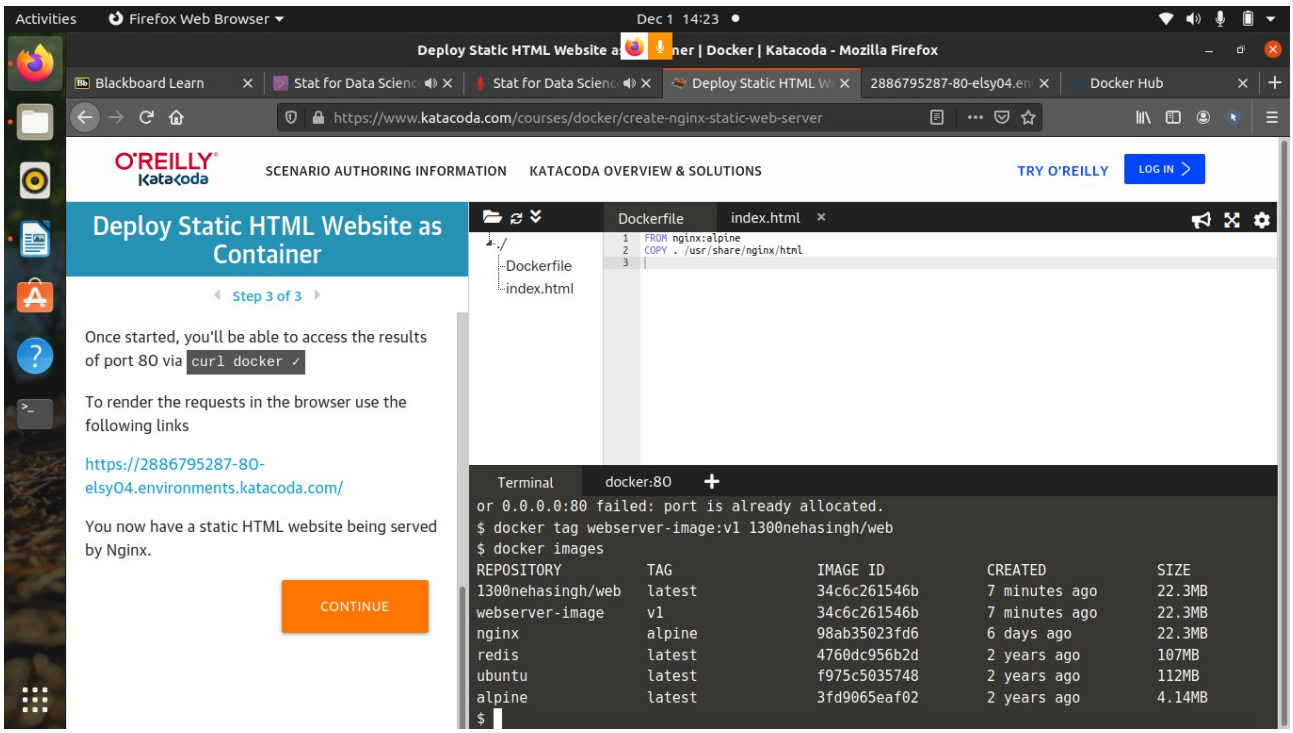
Deploy Static HTML Website as Container
Step 3 of 3
port 80 to our host using the -p parameter.
docker run -d -p 80:80 webserver-image:v1
Once started, you'll be able to access the results of port 80 via curl docker
To render the requests in the browser use the following links
https://2886795287-80-elsy04.environments.katacoda.com/
You now have a static HTML website being served by Nginx.
CONTINUE
Dockerfile
index.html
./
Dockerfile
index.html
1 FROM nginx:alpine
2 COPY . /usr/share/nginx/html
3
Terminal
docker:80
redis latest 4760dc956b2d 2 years ago 107MB
ubuntu latest f975c5035748 2 years ago 112MB
alpine latest 3fd9065eaf02 2 years ago 4.14MB
$ docker run -d -p 80:80 webserver-image:v1
9de63e7f9f14fb62f6c3f4aac374f0df3dc8d64f89865fe4c1ba176a221059ba
$ curl docker
<h1>Hello World</h1>
$ docker login --username 1300nehasingh
Password:
Login Succeeded
$


Activities
Firefox Web Browser
Dec 1 14:23
Deploy Static HTML Website as Container | Docker | Katacoda - Mozilla Firefox
Blackboard Learn
Stat for Data Scienc
Stat for Data Scienc
Deploy Static HTML W
2886795287-80-elsy04.en
Docker Hub
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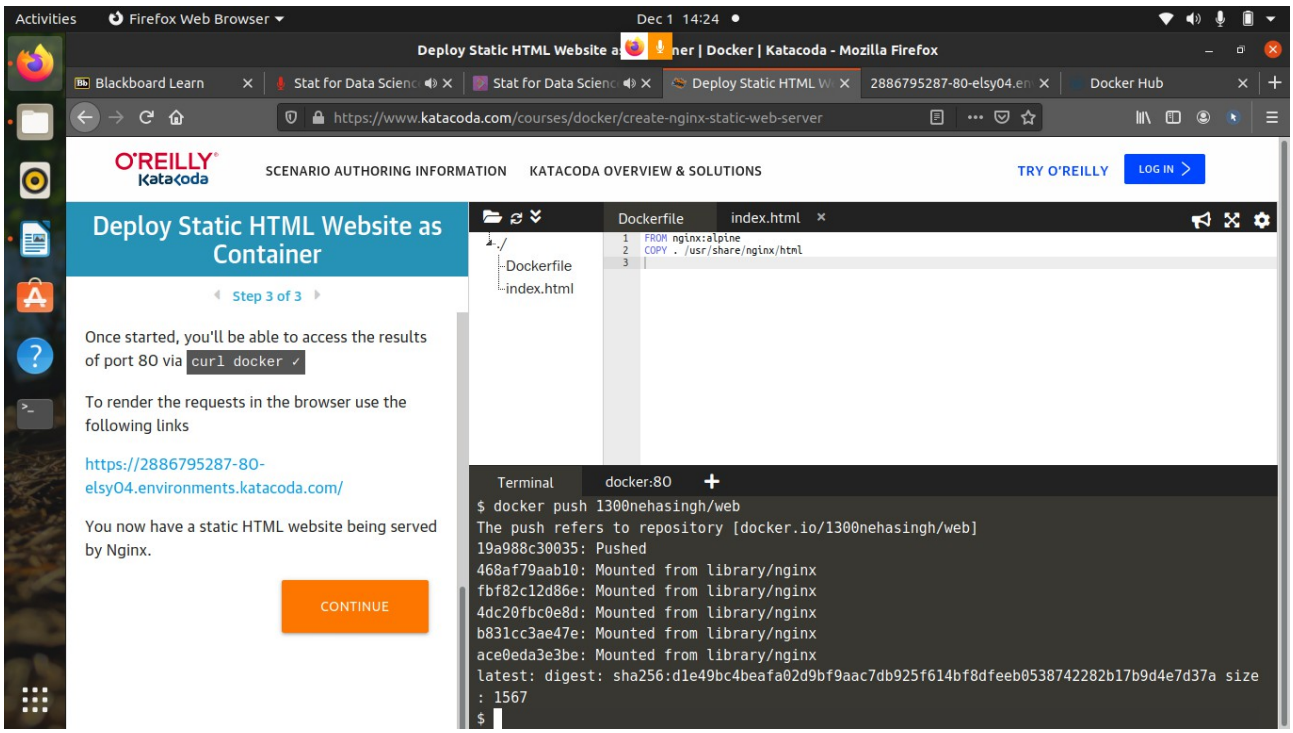
Deploy Static HTML Website as Container
Step 3 of 3
Once started, you'll be able to access the results of port 80 via curl docker ✓
To render the requests in the browser use the following links
https://2886795287-80-elsy04.environments.katacoda.com/
You now have a static HTML website being served by Nginx.
CONTINUE
Dockerfile
index.html
./
Dockerfile
index.html
1 FROM nginx:alpine
2 COPY . /usr/share/nginx/html
3
Terminal
docker:80
or 0.0.0.0:80 failed: port is already allocated.
$ docker tag webserver-image:v1 1300nehasingh/web
$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
1300nehasingh/web latest 34c6c261546b 7 minutes ago 22.3MB
webserver-image v1 34c6c261546b 7 minutes ago 22.3MB
nginx alpine 98ab35023fd6 6 days ago 22.3MB
redis latest 4760dc956b2d 2 years ago 107MB
ubuntu latest f975c5035748 2 years ago 112MB
alpine latest 3fd9065eaf02 2 years ago 4.14MB
$


Activities
Firefox Web Browser
Dec 1 14:24
Deploy Static HTML Website as Container | Docker | Katacoda - Mozilla Firefox
Blackboard Learn
Stat for Data Scienc
Stat for Data Scienc
Deploy Static HTML W
2886795287-80-elsy04.en
Docker Hub
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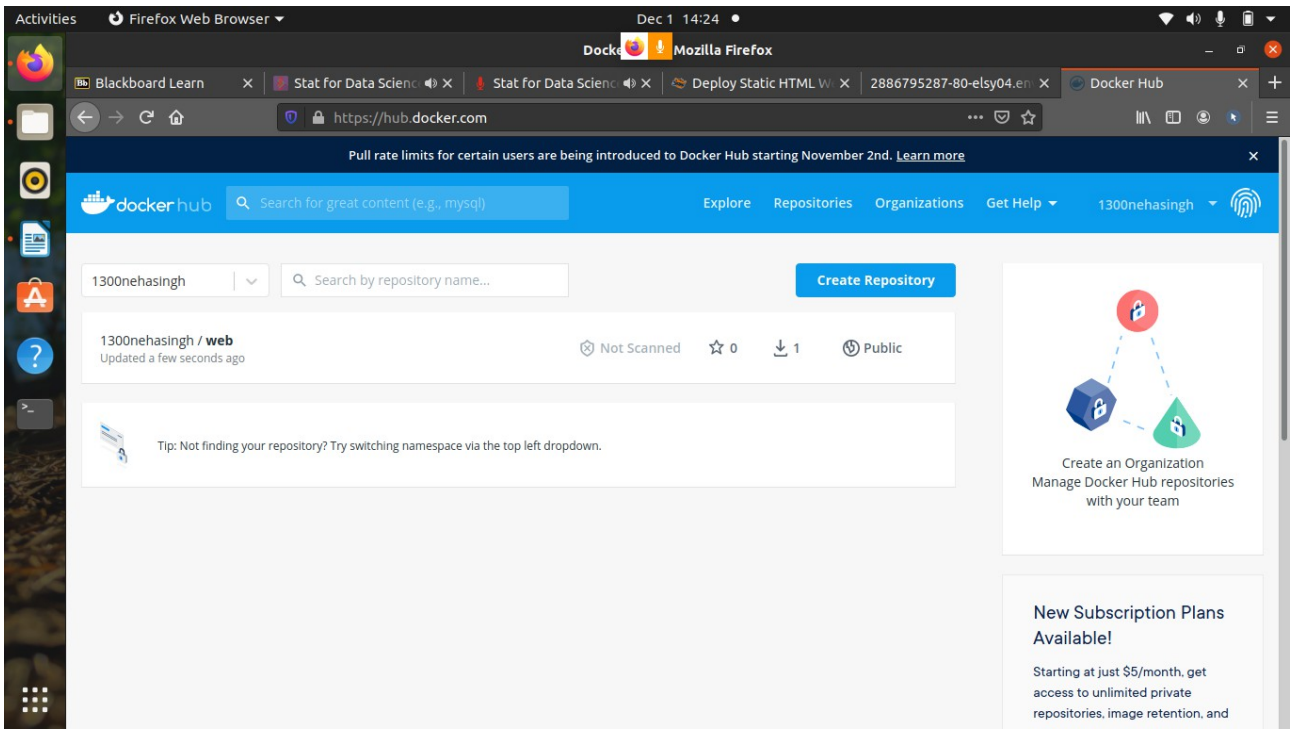
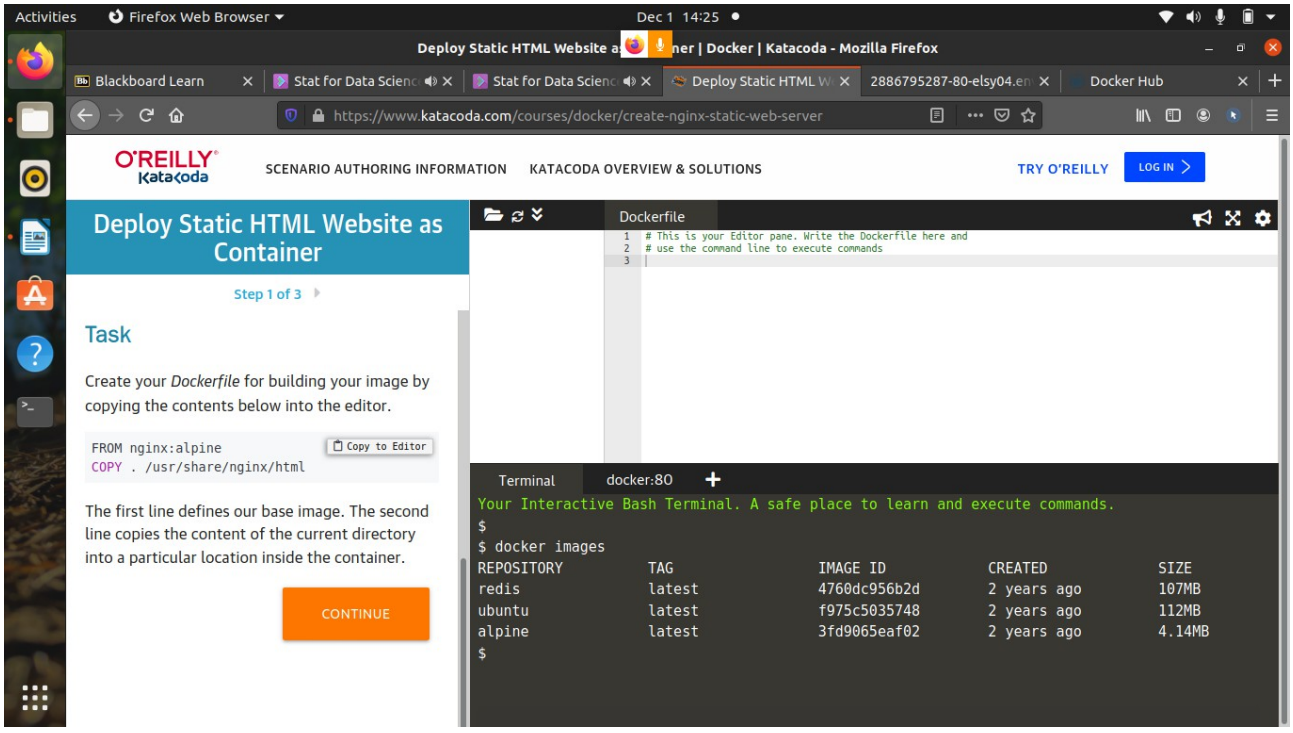
Deploy Static HTML Website as Container
Step 3 of 3
Once started, you'll be able to access the results of port 80 via curl docker ✓
To render the requests in the browser use the following links
https://2886795287-80-elsy04.environments.katacoda.com/
You now have a static HTML website being served by Nginx.
CONTINUE
Dockerfile
index.html
./
Dockerfile
index.html
1 FROM nginx:alpine
2 COPY . /usr/share/nginx/html
3
Terminal
docker:80
$ docker push 1300nehasingh/web
The push refers to repository [docker.io/1300nehasingh/web]
19a988c30035: 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
latest: digest: sha256:d1e49bc4beafa02d9bf9aac7db925f614bf8dfeeb0538742282b17b9d4e7d37a size
: 1567
$


Activities
Firefox Web Browser
Dec 1 14:24
Mozilla Firefox
Blackboard Learn
Stat for Data Scienc
Stat for Data Scienc
Deploy Static HTML W
2886795287-80-elsy04.en
Docker Hub
https://hub.docker.com
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
1300nehasingh
1300nehasingh
Search by repository name...
Create Repository
1300nehasingh / web
Updated a few seconds ago
Not Scanned
0
1
Public
Tip: Not finding your repository? Try switching namespace via the top left dropdown.
Create an Organization
Manage Docker Hub repositories with your team
New Subscription Plans Available!
Starting at just $5/month, get access to unlimited private repositories, image retention, and


Activities
Firefox Web Browser
Dec 1 14:25
Deploy Static HTML Website as Container | Docker | Katacoda - Mozilla Firefox
Blackboard Learn
Stat for Data Scienc
Stat for Data Scienc
Deploy Static HTML W
2886795287-80-elsy04.en
Docker Hub
https://www.katacoda.com/courses/docker/create-nginx-static-web-server
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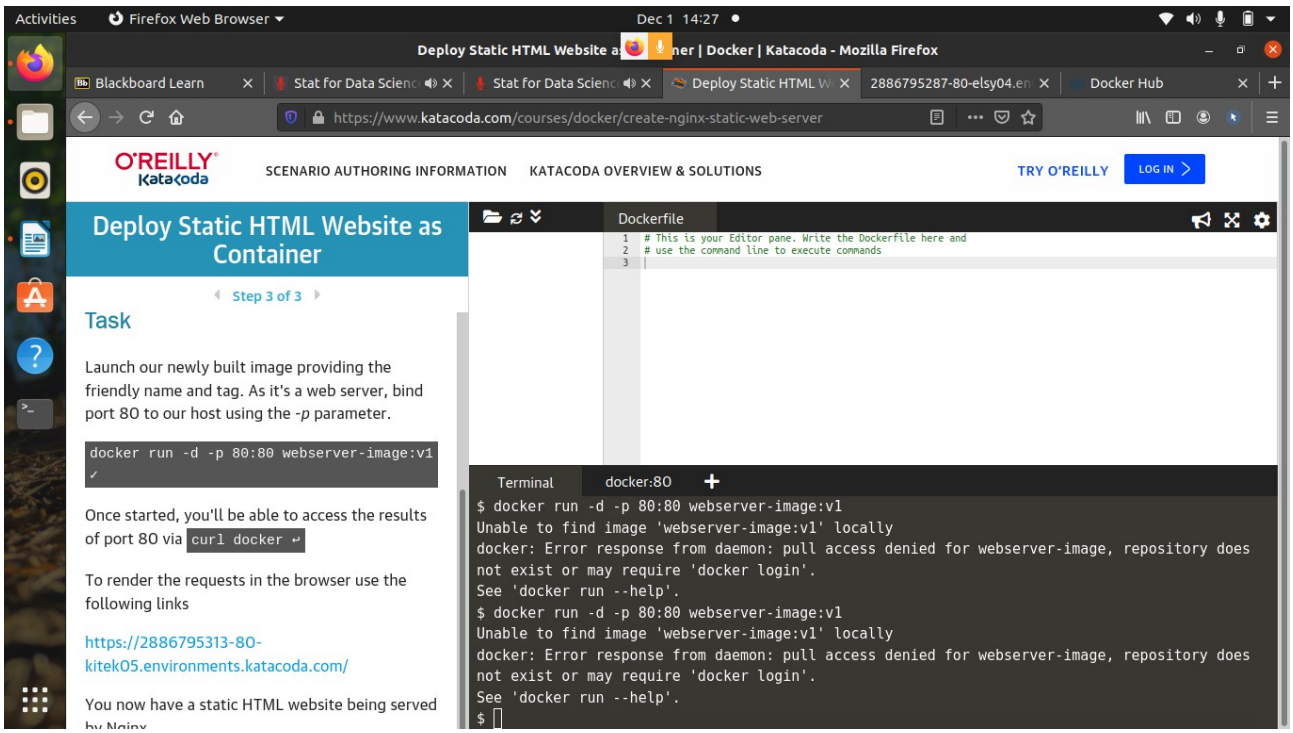
Deploy Static HTML Website as Container
Step 1 of 3
Task
Create your Dockerfile for building your image by copying the contents below into the editor.
FROM nginx:alpine
COPY . /usr/share/nginx/html
Copy to Editor
The first line defines our base image. The second line copies the content of the current directory into a particular location inside the container.
CONTINUE
Dockerfile
1 # This is your Editor pane. Write the Dockerfile here and
2 # use the command line to execute commands
3
Terminal
docker:80
Your Interactive Bash Terminal. A safe place to learn and execute commands.
$
$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
redis latest 4760dc956b2d 2 years ago 107MB
ubuntu latest f975c5035748 2 years ago 112MB
alpine latest 3fd9065eaf02 2 years ago 4.14MB
$


Activities
Firefox Web Browser
Dec 1 14:27
Deploy Static HTML Website as Container | Docker | Katacoda - Mozilla Firefox
Blackboard Learn
Stat for Data Scienc
Stat for Data Scienc
Deploy Static HTML W
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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://2886795313-80-kitek05.environments.katacoda.com/
You now have a static HTML website being served by Nginx
Dockerfile
1 # This is your Editor pane. Write the Dockerfile here and
2 # use the command line to execute commands
3
Terminal
docker:80
$ docker run -d -p 80:80 webserver-image:v1
Unable to find image 'webserver-image:v1' locally
docker: Error response from daemon: pull access denied for webserver-image, repository does not exist or may require 'docker login'.
See 'docker run --help'.
$ docker run -d -p 80:80 webserver-image:v1
Unable to find image 'webserver-image:v1' locally
docker: Error response from daemon: pull access denied for webserver-image, repository does not exist or may require 'docker login'.
See 'docker run --help'.
$