

# INTERNET, WEB AND CLOUD

## HW#3

### NISHNA REDDY ALETI

#### HW3LARGE:

Docker images:

```
aleti@aleti-VirtualBox:~/cs430-nishna-aleti/hw2/WebDev_BubbleTea_MVC$ docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED
SIZE			
hw3large	latest	b36446efe180	18 seconds ago
457MB			
nishna/helloalpine	latest	fb8540739d3c	4 days ago
121MB			
<none>	<none>	1ee0a1040b2c	4 days ago
121MB			
nishna/helloubuntu	latest	91a9b5bbfc07	4 days ago
436MB			
ubuntu	18.04	775349758637	7 days ago
64.2MB			
python	alpine	204216b3821e	2 weeks ago
111MB			

Docker ps -a:

```
aleti@aleti-VirtualBox:~/cs430-nishna-aleti/hw2/WebDev_BubbleTea_MVC$ docker ps -a
```

CONTAINER ID	IMAGE	PORTS	COMMAND	NAMES	CREATED
933bbafea2ce	hw3large		"python app.py"		4 seconds ago
Up 3 seconds		0.0.0.0:8000->5000/tcp		bubbletea	
b57e96026745	nishna/helloalpine		"python app.py"		4 days ago
Exited (0) 7 minutes ago				helloa	
be37e1bdb97b	nishna/helloubuntu		"python app.py"		4 days ago
Exited (128) 4 days ago				hellou	

Push docker:

```
aleti@aleti-VirtualBox:~/cs430-nishna-aleti/hw2/WebDev_BubbleTea_MVC$ docker push nishna/hw3large
```

The push refers to repository [docker.io/nishna/hw3large]

c58e1af41528: Pushed  
2c2b181a59a0: Pushed  
31bc8d3e5918: Pushed  
3b6523dcd259: Pushed  
e0b3afb09dc3: Mounted from nishna/helloubuntu  
6c01b5a53aac: Mounted from nishna/helloubuntu  
2c6ac8e5063e: Mounted from nishna/helloubuntu  
cc967c529ced: Mounted from nishna/helloubuntu  
latest: digest: sha256:b02cd48bfe41c130d143354015b452efec0455979d8f8398de80719fb89c4d1f size: 1999

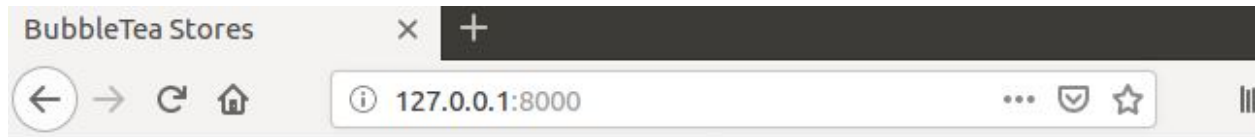
Run the image directly from Docker Hub

```
aleti@aleti-VirtualBox:~/cs430-nishna-aleti/hw2/WebDev_BubbleTea_MVC$ docker run
-di -p 8000:5000 --name bubbletea nishna/hw3large
Unable to find image 'nishna/hw3large:latest' locally
latest: Pulling from nishna/hw3large
7ddbc47eeb70: Already exists
c1bbdc448b72: Already exists
8c3b70e39044: Already exists
45d437916d57: Already exists
95b36fc285be: Pull complete
ca98bdb34f9c: Pull complete
7b9b365f8b65: Pull complete
7bc220073fda: Pull complete
Digest: sha256:b02cd48bfe41c130d143354015b452efec0455979d8f8398de80719fb89c4d1f
Status: Downloaded newer image for nishna/hw3large:latest
54d9b0259de3755cccd7dbde44693428b192343b14dc11956aa16c8f76178522
docker: Error response from daemon: driver failed programming external connectiv
ity on endpoint bubbletea (949156a1e954d569d263f66aae9d0a834978a69fd1402b0b48a3a
0f3d4553f7b): Bind for 0.0.0.0:8000 failed: port is already allocated.
aleti@aleti-VirtualBox:~/cs430-nishna-aleti/hw2/WebDev_BubbleTea_MVC$
```

Wget:

```
aleti@aleti-VirtualBox:~/cs430-nishna-aleti/hw2/WebDev_BubbleTea_MVC$ wget http:
//localhost:8000
--2019-11-08 15:00:55-- http://localhost:8000/
Resolving localhost (localhost)... 127.0.0.1
Connecting to localhost (localhost)|127.0.0.1|:8000... connected.
HTTP request sent, awaiting response... 200 OK
Length: 523 [text/html]
Saving to: 'index.html.1'

index.html.1      100%[=====>]      523  --.-KB/s    in 0s
2019-11-08 15:00:55 (71.0 MB/s) - 'index.html.1' saved [523/523]
```



# Bubble Tea Stores



Provide information about your favorite BubbleTea stores in the world [here](#)

Hw3large tag:

**docker hub** Search for great content (e.g., mysql) Explore Repositories Organizations Get Help nishna

Repositories **nishna / hw3large** Using 0 of 1 private repositories. [Get more](#)

General **Tags** Builds Timeline Collaborators Webhooks Settings

Action Filter Tags Sort by Latest

IMAGE		
<b>latest</b>		docker pull nishna/hw3large:latest
Last updated 25 minutes ago by nishna		
DIGEST	OS/ARCH	COMPRESSED SIZE
b02cd48bfe41	linux/amd64	178.24 MB



### HW3SMALL:

Docker images:

```
aleti@aleti-VirtualBox:~/cs430-nishna-aleti/hw2/WebDev_BubbleTea_MVC$ docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED
SIZE			
hw3small	latest	b8314f3a05e4	3 minutes ago
142MB			
hw3large	latest	b36446efe180	About an hour ago
457MB			
nishna/hw3large	latest	b36446efe180	About an hour ago
457MB			
nishna/helloalpine	latest	fb8540739d3c	4 days ago
121MB			
<none>	<none>	1ee0a1040b2c	4 days ago
121MB			
nishna/helloubuntu	latest	91a9b5bbfc07	4 days ago
436MB			
ubuntu	18.04	775349758637	7 days ago
64.2MB			
python	alpine	204216b3821e	2 weeks ago
111MB			

```
aleti@aleti-VirtualBox:~/cs430-nishna-aleti/hw2/WebDev_BubbleTea_MVC$ docker ps
```

Docker ps -a:

```
aleti@aleti-VirtualBox:~/cs430-nishna-aleti/hw2/WebDev_BubbleTea_MVC$ docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED
STATUS	PORTS	NAMES	
78d90c7e9828	hw3small	"python app.py"	About a minute ago
Up About a minute	0.0.0.0:8000->5000/tcp	bubbletea1	
2ef6763bcc82	nishna/hw3large	"python app.py"	26 minutes ago
Exited (0) 6 minutes ago		bubbletea	
b57e96026745	nishna/helloalpine	"python app.py"	4 days ago
Exited (0) About an hour ago		helloa	
be37e1bdb97b	nishna/helloubuntu	"python app.py"	4 days ago
Exited (128) 4 days ago		hellou	

Push docker:

```
aleti@aleti-VirtualBox:~/cs430-nishna-aleti/hw2/WebDev_BubbleTea_MVC$ docker push nishna/hw3small
```

The push refers to repository [docker.io/nishna/hw3small]

e4ef0f60f09d: Pushed

7d323bc4783f: Pushed

85f834783a53: Mounted from nishna/helloalpine

b41652903240: Mounted from nishna/helloalpine

8a94af811496: Mounted from nishna/helloalpine

dcd185b843c6: Mounted from nishna/helloalpine

77cae8ab23bf: Mounted from nishna/helloalpine

latest: digest: sha256:4c8a48cdfa8e6214ad1cde05830aa2767aefba58c98edaab14bae4a94ad3a40d size: 1790

Run the image directly from Docker Hub:

```
aleti@aleti-VirtualBox:~/cs430-nishna-aleti/hw2/WebDev_BubbleTea_MVC$ docker run
  -di -p 8000:5000 --name bubbletea1 nishna/hw3small
Unable to find image 'nishna/hw3small:latest' locally
latest: Pulling from nishna/hw3small
89d9c30c1d48: Already exists
910c49c00810: Already exists
a9cac48f48d9: Already exists
6a8710d4fefc: Already exists
94bfe828ec5b: Already exists
49c209fcfe53: Pull complete
207d90f908b2: Pull complete
Digest: sha256:4c8a48cdfa8e6214ad1cde05830aa2767aefba58c98edaab14bae4a94ad3a40d
Status: Downloaded newer image for nishna/hw3small:latest
665b7f2fa0dd181b68d7097295ab830aec045c0a8c15f0feb82606d67e594891
aleti@aleti-VirtualBox:~/cs430-nishna-aleti/hw2/WebDev_BubbleTea_MVC$ wget http:
//127.0.0.1:8000/
--2019-11-08 14:10:44--  http://127.0.0.1:8000/
Connecting to 127.0.0.1:8000... connected.
HTTP request sent, awaiting response... 200 OK
Length: 523 [text/html]
Saving to: 'index.html'

index.html          100%[=====>]          523  --.-KB/s    in 0.004s


2019-11-08 14:10:44 (139 KB/s) - 'index.html' saved [523/523]
```

BubbleTea Stores

127.0.0.1:8000


Terminal

# Bubble Tea Stores



Provide information about your favorite BubbleTea stores in the world [here](#)

Hw3small tag:

 docker hub

Search for great content (e.g., mysql)

ExploreRepositoriesOrganizationsGet Help

nishna

Using 0 of 1 private repositories. [Get more](#)

Repositories

nishna / hw3small

GeneralTagsBuildsTimelineCollaboratorsWebhooksSettings

Filter Tags

Sort by Latest

IMAGE

latest

Last updated a few seconds ago by nishna

docker pull nishna/hw3small:latest

DIGEST

4c8a48cdfa8e

OS/ARCH

linux/amd64

COMPRESSED SIZE

46.59 MB