

CS 530 INTERNET WEB AND CLOUD SYSTEMS

Name: Varsha Karinje

PSU ID: 925923534

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hw3large

```

Successfully tagged vkarinje/hw3large:latest
vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED       SIZE
vkarinje/hw3large   latest     b000b8e3e8fa  4 seconds ago 448MB
ubuntu              20.04      680e5dfb52c7  3 days ago   72.8MB
vkarinje/helloalpine latest     aa563b2e51dd  5 days ago   59.6MB
<none>              <none>     06dde268928d  5 days ago   59.6MB
python              alpine     880fc229346e  2 weeks ago  48.7MB
ubuntu              18.04      71cb16d32be4  3 weeks ago  63.1MB
vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$ docker run -p 8000:5000 --name hellol -di vkarinje/hw3large
3574d01f12f2dab25a4bd3ee1b3e63857ffe4dc8281765fddde357be1f25e3d8
vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$ docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS
3574d01f12f2   vkarinje/hw3large "python3 app.py"        48 seconds ago Up 48 seconds 0.0.0.0:8000->5000/tcp, :::8000->5000/tcp
hellol

```


```

vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$ docker push vkarinje/hw3large
Using default tag: latest
The push refers to repository [docker.io/vkarinje/hw3large]
e376bbd8bc3b: Pushed
75eb11279d5a: Pushed
47d4f983e452: Pushed
9cc25d5f0eb5: Pushed
f4462d5b2da2: Pushed
latest: digest: sha256:477973f26b7d1ebc234934dbcc378868d77bf841b867369a7a7b8622d9729d96 size: 1376
vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$

```

Size of container on DockerHub

[Explore](#)
[vkarinje/hw3large](#)



vkarinje/hw3large ☆


By [vkarinje](#) • Updated a few seconds ago

Image

[Overview](#)
[Tags](#)

Sort by Newest Filter Tags

TAG	DIGEST	OS/ARCH	COMPRESSED SIZE
latest	477973f26b7d	linux/amd64	157.65 MB

[docker pull vkarinje/hw3large:latest](#)


Docker run

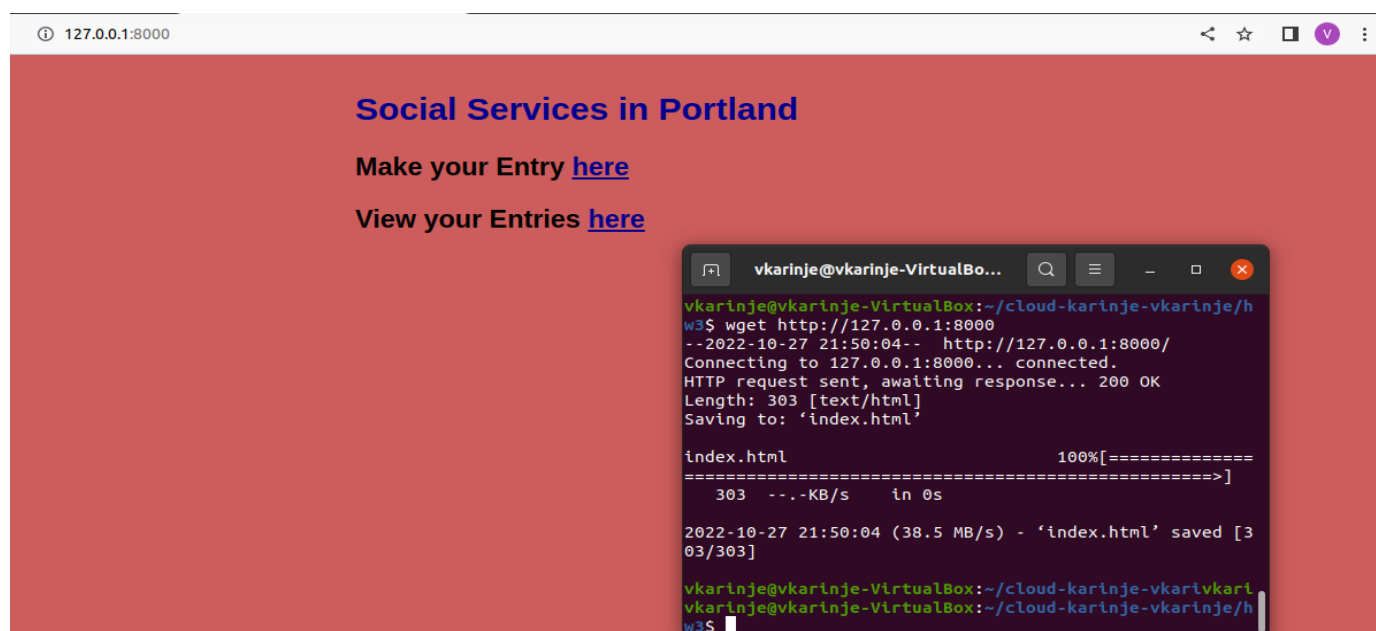
```

vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$ docker run -di -p 8000:5000 --name helloa vkarinje/hw3large
Unable to find image 'vkarinje/hw3large:latest' locally
latest: Pulling from vkarinje/hw3large
eaead16dc43b: Already exists
feaf9326e53b: Pull complete
6b97bb6b26c6: Pull complete
b733794b8332: Pull complete
ae835d8b8fd5: Pull complete
Digest: sha256:477973f26b7d1ebc234934dbcc378868d77bf841b867369a7a7b8622d9729d96
Status: Downloaded newer image for vkarinje/hw3large:latest
1480eb2cd91015e6d122e243084d093568b713c3f88bedb23a22d005cb9aa82a
vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$ wget http://127.0.0.1:8000/
--2022-10-27 22:27:01-- http://127.0.0.1:8000/
Connecting to 127.0.0.1:8000... connected.
HTTP request sent, awaiting response... 200 OK
Length: 303 [text/html]
Saving to: 'index.html.2'

index.html.2                  100%[=====]          303  --.-KB/s   in 0s

2022-10-27 22:27:01 (661 KB/s) - 'index.html.2' saved [303/303]

```



hw3small

```

vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$ docker images
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
vkarinje/hw3small   latest         570f82c40b64   38 seconds ago  70.1MB
ubuntu              20.04          680e5dfb52c7   3 days ago     72.8MB
vkarinje/helloalpine latest         aa563b2e51dd   5 days ago     59.6MB
<none>              <none>         06dde268928d   5 days ago     59.6MB
python              alpine         880fc229346e   2 weeks ago    48.7MB
ubuntu              18.04          71cb16d32be4   3 weeks ago    63.1MB
vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$

```

```

vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$ docker run -p 8000:5000 --name helloa -di vkarinje/hw3small
ba6317ea97d8d0a4e73d3fb89c2fc4e277cc2265b1ef516293ffce880cbfb616
vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$ docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
ba6317ea97d8   vkarinje/hw3small "python3 app.py"        6 seconds ago Up 4 seconds  0.0.0.0:8000->5000/tcp, :::8000->5000/tcp  helloa
vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$

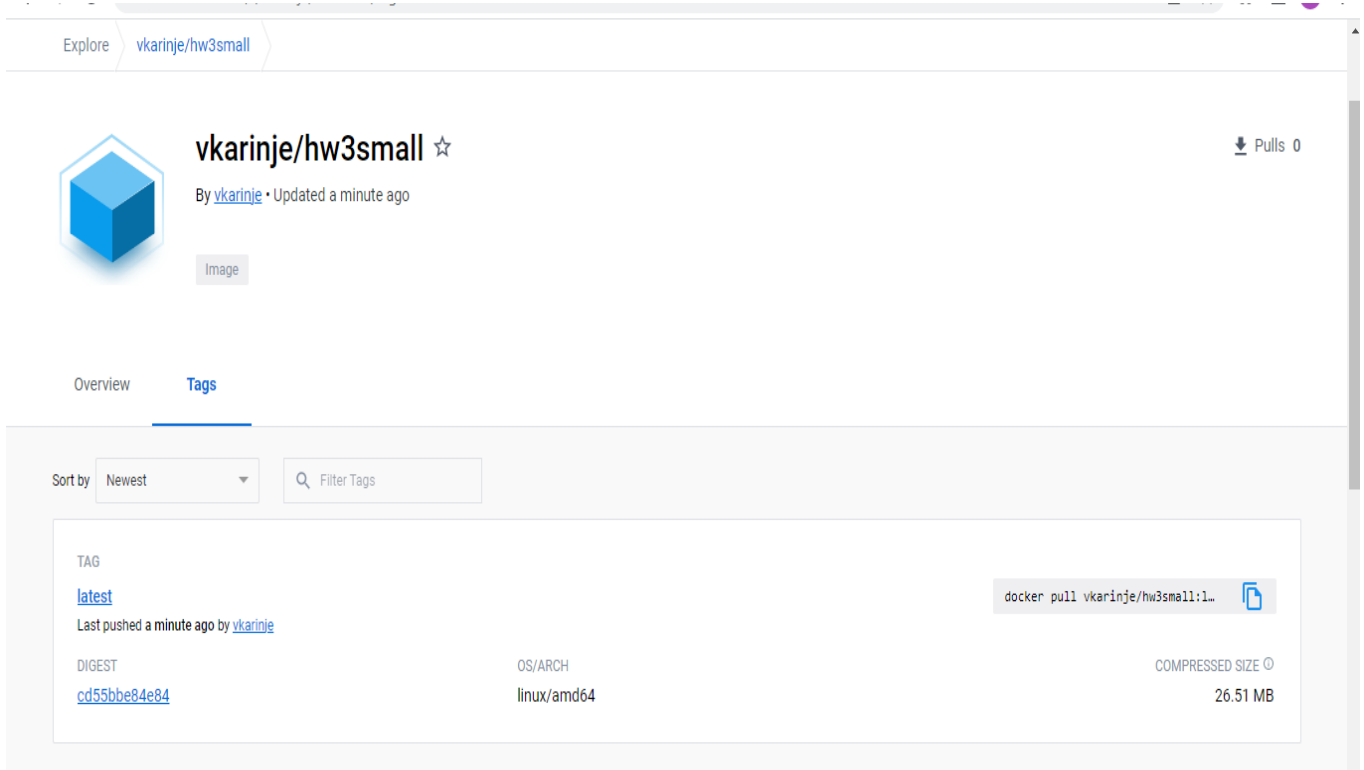
```

```


vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$ docker push vkarinje/hw3small
Using default tag: latest
The push refers to repository [docker.io/vkarinje/hw3small]
d593b2dea327: Pushed
3593df405862: Pushed
4da53ae893e1: Mounted from vkarinje/helloalpine
b9a7a7381abe: Mounted from vkarinje/helloalpine
2306fb7a5a47: Mounted from vkarinje/helloalpine
6666686122fd: Mounted from vkarinje/helloalpine
994393dc58e7: Mounted from vkarinje/helloalpine
latest: digest: sha256:cd55bbe84e845e01f34f0be4d616bde0fd44e158c608324d5b5b58b734de62ba size: 1790
vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$

```

Size of the container on DockerHub



Explore vkarinje/hw3small

 **vkarinje/hw3small** ☆ ↓ Pulls 0

By [vkarinje](#) • Updated a minute ago

Image

Overview **Tags**

Sort by Newest

TAG	DIGEST	OS/ARCH	COMPRESSED SIZE
latest	cd55bbe84e84	linux/amd64	26.51 MB

Last pushed a minute ago by [vkarinje](#)

`docker pull vkarinje/hw3small:latest`

Docker run

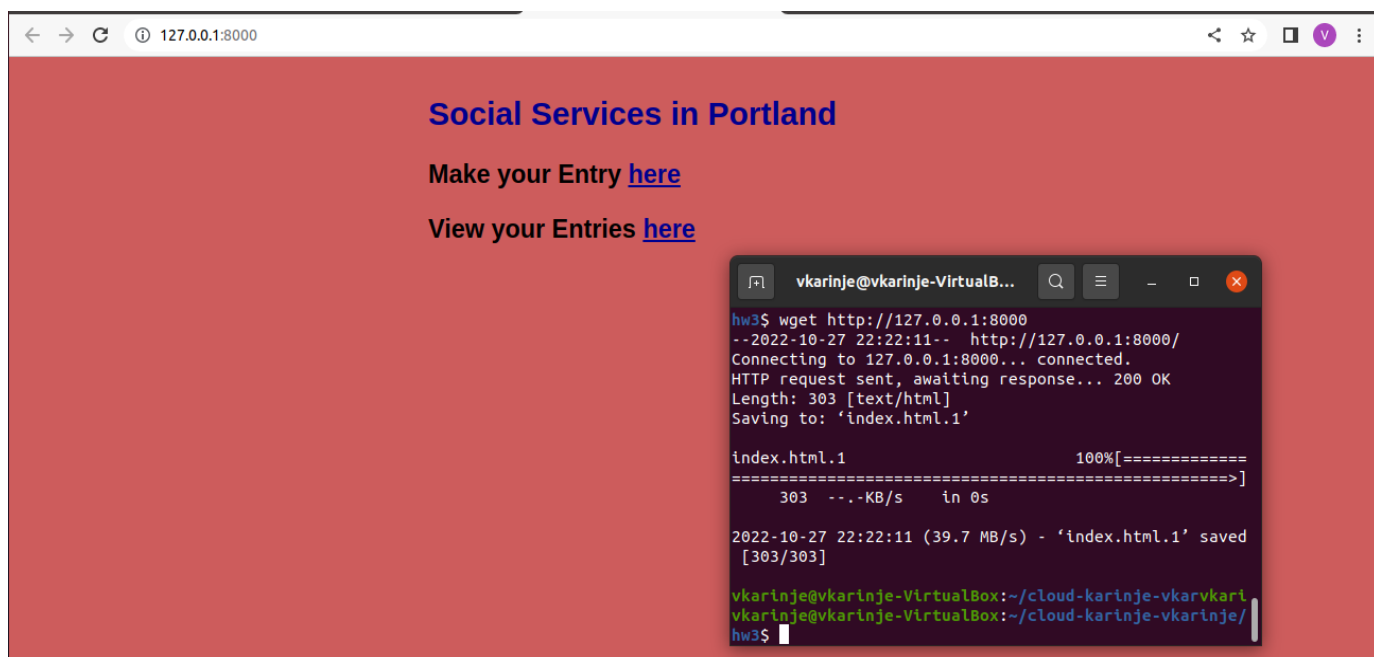
```
vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$ docker run -di -p 8000:5000 --name helloa vkarinje/hw3small
Unable to find image 'vkarinje/hw3small:latest' locally
latest: Pulling from vkarinje/hw3small
213ec9aee27d: Already exists
47858aee13bf: Already exists
cfe0d6c6d05c: Already exists
2df617b3dcd9: Already exists
38da16a6ebe8: Already exists
aa4868301759: Pull complete
65aedcc2ecbb: Pull complete
Digest: sha256:cd55bbe84e845e01f34f0be4d616bde0fd44e158c608324d5b5b8b734de62ba
Status: Downloaded newer image for vkarinje/hw3small:latest
84efe9271df9e026147518a4dcb4298b07315c328c1ffff13d8dbcf4e5c85b33
```

```
vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$ wget http://127.0.0.1:8000
--2022-10-27 22:22:11-- http://127.0.0.1:8000/
Connecting to 127.0.0.1:8000... connected.
HTTP request sent, awaiting response... 200 OK
Length: 303 [text/html]
Saving to: 'index.html.1'

index.html.1          100%[=====] 303  --.-KB/s  in 0s

2022-10-27 22:22:11 (39.7 MB/s) - 'index.html.1' saved [303/303]

vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/hw3$
```



The image shows a web browser window with the address bar set to `127.0.0.1:8000`. The page has a red background and contains the following text:

Social Services in Portland

Make your Entry [here](#)

View your Entries [here](#)

Overlaid on the bottom right is a terminal window titled `vkarinje@vkarinje-VirtualB...`. It shows the execution of the `wget` command to fetch a file from `http://127.0.0.1:8000/`. The output indicates a successful 200 OK response and the file `index.html.1` is saved.

```
vkarinje@vkarinje-VirtualB...$ wget http://127.0.0.1:8000/
--2022-10-27 22:22:11-- http://127.0.0.1:8000/
Connecting to 127.0.0.1:8000... connected.
HTTP request sent, awaiting response... 200 OK
Length: 303 [text/html]
Saving to: 'index.html.1'

index.html.1                                100%[=====]
303 --.-KB/s   in 0s

2022-10-27 22:22:11 (39.7 MB/s) - 'index.html.1' saved
[303/303]

vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarvkarl
vkarinje@vkarinje-VirtualBox:~/cloud-karinje-vkarinje/
hw3$
```