

CC Lab 3

Name: Manvith M Nayak

SRN: PES2UG23CS330

SS1:

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330$ export SRN=PES2UG23CS330
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330$ echo "SRN: $SRN"
SRN: PES2UG23CS330
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330$ docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
 1. The Docker client contacted the Docker daemon.
 2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
    (amd64)
 3. The Docker daemon created a new container from that image which runs the
    executable that produces the output you are currently reading.
 4. The Docker daemon streamed that output to the Docker client, which sent it
    to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

For more examples and ideas, visit:
https://docs.docker.com/get-started/
```

SS2:

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330
https://docs.docker.com/get-started/
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330$ docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS
d1267c76bb98   portainer/portainer-ce             "/portainer"            3 days ago    Up 12 minutes  8000/tcp, 9443/tcp, 0.0.0.0:9000->9000/tcp, [::]:9000->9000/tc
p              portainer
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330$ docker ps -a
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS
0baed948dd93   hello-world                         "/hello"                2 minutes ago  Exited (0) 2 minutes ago
0f4340c0a05e   nginx:latest                       "/docker-entrypoint..." 26 hours ago   Created
a013a836abcd   e-comm-rabbitmq-gateway-1          "e-comm-rabbitmq-gatewa..." 26 hours ago   Exited (0) 23 hours ago
c3bc5c276fbb   e-comm-rabbitmq-checkout-2         "e-comm-rabbitmq-checko..." 26 hours ago   Exited (0) 23 hours ago
ebald6d9473d   e-comm-rabbitmq-checkout-2-1       "e-comm-rabbitmq-checko..." 26 hours ago   Exited (0) 23 hours ago
4e77f4f4d7a7   e-comm-rabbitmq-checkout-1-1       "e-comm-rabbitmq-checko..." 26 hours ago   Exited (0) 23 hours ago
rabbittmq:3-management
4e77f4f4d7a7   rabbittmq:3-management            "docker-entrypoint.s..." 26 hours ago   Exited (0) 23 hours ago
rabbittmq
d1267c76bb98   portainer/portainer-ce             "/portainer"            3 days ago    Up 12 minutes  8000/tcp, 9443/tcp, 0.0.0.0:9000->
9000/tcp, [::]:9000->9000/tcp portainer
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330$ docker images
Info In Use
apache/spark:3.5.0          b7bd251f1d58          981MB          0B
confluentinc/cp-kafka:7.5.0 af34583c49f0          849MB          0B
confluentinc/cp-zookeeper:7.5.0 04bd40128a4e          849MB          0B
curlimages/curl:latest      9dcf90ad7bb5          24.2MB         0B
e-comm-rabbitmq-checkout-1:latest a52255f3e91c          136MB          0B
e-comm-rabbitmq-checkout-2:latest 406c04b8fec4          136MB          0B
e-comm-rabbitmq-inventory:latest 592db61ee6ce          136MB          0B
gcr.io/cadvisors/cadvisors:latest a31688ab1366          75.1MB         0B
grafana/grafana:latest      aa786575ad94          747MB          0B
hello-world:latest          1b44b5a3e06a          10.1kB         0B
nginx:latest                 5cdef4ac3335          161MB          0B
portainer/portainer-ce:latest 2622931a6f42          184MB          0B
prom/prometheus:latest      937690d77350          367MB          0B
rabbittmq:3-management      de912cbbf07f          252MB          0B
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330$
```

SS3:

```

manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330$ docker pull python:3.10-slim
3.10-slim: Pulling from library/python
0c8d55a45c0d: Already exists
690eaffcf0e9: Pull complete
d0d1977db485: Pull complete
63ebb7511fc1: Pull complete
Digest: sha256:218027ad8e5a6fb68245ccffcb8bcfa98d9891039bfedd531b4666dc48a4bb1
Status: Downloaded newer image for python:3.10-slim
docker.io/library/python:3.10-slim
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330$ docker images

```

REPOSITORY	TAG	IMAGE ID	SIZE	STATUS
apache/spark	3.5.0	b7bd251f1d58	981MB	0B
confluentinc/cp-kafka	7.5.0	af34583c49f0	849MB	0B
confluentinc/cp-zookeeper	7.5.0	04bd40128a4e	849MB	0B
curlimages/curl	:latest	9dcf90ad7bb5	24.2MB	0B
e-comm-rabbitmq-checkout-1	:latest	a52255f3e91c	136MB	0B
e-comm-rabbitmq-checkout-2	:latest	406c04b8fec4	136MB	0B
e-comm-rabbitmq-inventory	:latest	592db61ee6ce	136MB	0B
gcr.io/cadvisor/cadvisor	:latest	a31688ab1366	75.1MB	0B
grafana/grafana	:latest	aa786575ad94	747MB	0B
hello-world	:latest	1b44b5a3e06a	10.1kB	0B
nginx	:latest	5cdef4ac3335	161MB	0B
portainer/portainer-ce	:latest	2622931a6f42	184MB	0B
prom/prometheus	:latest	937690d77350	367MB	0B
python	3.10-slim	9881bc80158	122MB	0B
rabbitmq:3-management		de912cbbf07f	252MB	0B

```

manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330$

```

SS4:

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker build -t spam-web-app-pes2ug23cs330 .
[+] Building 14.5s (12/12) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 278B
=> [internal] load metadata for docker.io/library/python:3.10-slim
=> [internal] load .dockerignore
=> => transferring context: 2B
=> CACHED [1/7] FROM docker.io/library/python:3.10-slim
=> [internal] load build context
=> => transferring context: 398.78kB
=> [2/7] WORKDIR /app
=> [3/7] COPY app.py ./
=> [4/7] COPY spam_classifier_model.pkl ./
=> [5/7] COPY tfidf_vectorizer.pkl ./
=> [6/7] COPY templates ./templates
=> [7/7] RUN pip install --no-cache-dir flask scikit-learn joblib
=> exporting to image
=> => exporting layers
=> => writing image sha256:1fc6541ccca69d8d014957b73f797a4797d07af9a8d8552ce579ffbc749373ff
=> => naming to docker.io/library/spam-web-app-pes2ug23cs330
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$
```

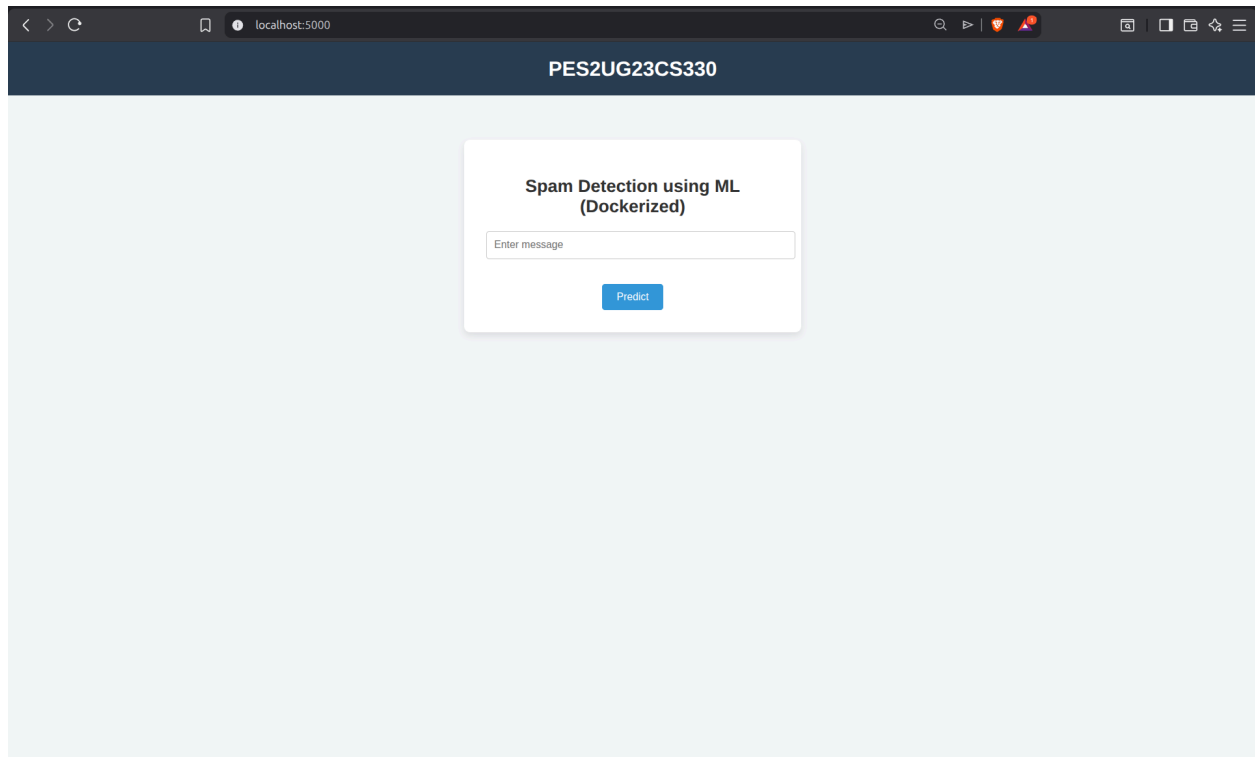
SS5:

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC_Lab_3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker run -d -p 5000:5000 spam-web-app-pes2ug23cs330
c2bfff093185437436407747a483f18e76cc7a5bd7622f5ac3f75c0f3ab09537
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC_Lab_3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker ps
```

CONTAINER ID	IMAGE NAMES	COMMAND	CREATED	STATUS	PORTS
c2bfff093185	spam-web-app-pes2ug23cs330	"python app.py"	10 seconds ago	Up 9 seconds	0.0.0.0:5000->5000/tcp, [::]:5000->5000/tcp
d1267c76bb9800-9000/tcp	inspiring_jepsen portainer/portainer-ce	"/portainer"	3 days ago	Up 35 minutes	8000/tcp, 9443/tcp, 0.0.0.0:9000->9000/tcp, [::]:9000->9000/tcp

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC_Lab_3/PES2UG23CS330/ml-docker-pes2ug23cs330$
```

SS6:



SS7:

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker logout
docker login
Removing login credentials for https://index.docker.io/v1/

Info → To sign in with credentials on the command line, use 'docker login -u <username>'

Your one-time device confirmation code is:
to open your browser or submit your device code here: https://login.docker.com/activate

Waiting for authentication in the browser...

WARNING! Your credentials are stored unencrypted in '/home/manvith/.docker/config.json'.
Configure a credential helper to remove this warning. See
https://docs.docker.com/go/credential-store/

Login Succeeded
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$
```

SS8:

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker images
```

REPOSITORY	IMAGE ID	SIZE	STATUS
apache/spark:3.5.0	b7bd251f1d58	981MB	0B
confluentinc/cp-kafka:7.5.0	af34583c49f0	849MB	0B
confluentinc/cp-zookeeper:7.5.0	04bd40128a4e	849MB	0B
curlimages/curl:latest	9dcf90ad7bb5	24.2MB	0B
e-comm-rabbitmq-checkout-1:latest	a52255f3e91c	136MB	0B U
e-comm-rabbitmq-checkout-2:latest	406c04b8fec4	136MB	0B U
e-comm-rabbitmq-inventory:latest	592db61ee6ce	136MB	0B U
gcr.io/cadvisor/cadvisor:latest	a31688ab1366	75.1MB	0B
grafana/grafana:latest	aa786575ad94	747MB	0B
hello-world:latest	1b44b5a3e06a	10.1kB	0B U
manvithnayak8704/spam-web-app-pes2ug23cs330:v1	1fc654a1cca6	381MB	0B U
nginx:latest	5cdef4ac3335	161MB	0B U
portainer/portainer-ce:latest	2622931a6f42	184MB	0B U
prom/prometheus:latest	937690d77350	367MB	0B
python:3.10-slim	988b1bc80158	122MB	0B
rabbitmq:3-management	de912cbbf07f	252MB	0B U
spam-web-app-pes2ug23cs330:latest	1fc654a1cca6	381MB	0B U

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$
```

SS9:

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker push manvithnayak8704/spam-web-app-pes2ug23cs330:v1
The push refers to repository [docker.io/manvithnayak8704/spam-web-app-pes2ug23cs330]
8227b6d10cc2: Pushed
10e414e89dec: Pushed
7db16b38a061: Pushed
b41178c8976f: Pushed
a2a6ae811b2f: Pushed
600c51a83da2: Pushed
bb2cb0bd6077: Mounted from library/python
9f0194fcc39b: Mounted from library/python
2cb59db770d1: Mounted from library/python
a8ff6f8cbdff: Mounted from library/python
v1: digest: sha256:fa2ae9288307dae4662fdfda5f0777063551be19322a35742914f639add524d5 size: 2409
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$
```

SS10:

manvithnayak8704
Docker Personal

Repositories

Hardened Images

Collaborations

Settings

Default privacy

Notifications

Billing

Usage

Pulls

Storage

Repositories

All repositories within the manvithnayak8704 namespace.

Search by repository name

All content

Create a repository

Name	Last Pushed	Contains	Visibility	Scout
manvithnayak8704/spam-web-app-pes2ug23cs330	1 minute ago	IMAGE	Public	Inactive

1-1 of 1 < >

SS11:

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker ps
CONTAINER ID   IMAGE                                     COMMAND                  CREATED        STATUS        PORTS
c2bfff093185   spam-web-app-pes2ug23cs330             "python app.py"         15 minutes ago Up 15 minutes  0.0.0.0:5000->5000/tcp, [::]:5000->5000/tcp
d1267c76bb98   inspiring_jepsen                        "/portainer"            3 days ago    Up 50 minutes  8000/tcp, 9443/tcp, 0.0.0.0:9000->9000/tcp, [::]:9000->9000/tcp
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker stop c2bfff093185
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker ps
CONTAINER ID   IMAGE                                     COMMAND                  CREATED        STATUS        PORTS
d1267c76bb98   portainer/portainer-ce                 "/portainer"            3 days ago    Up 50 minutes  8000/tcp, 9443/tcp, 0.0.0.0:9000->9000/tcp, [::]:9000->9000/tcp
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$
```

SS12:

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker ps -a
CONTAINER ID   IMAGE                                     NAMES                  COMMAND                  CREATED        STATUS        PORTS
c2bfff093185   spam-web-app-pes2ug23cs330             inspiring_jepsen        "python app.py"         16 minutes ago Exited (137) 40 seconds ago
0baed948dd93   hello-world                             blissful_tharp         "/hello"                41 minutes ago Exited (0) 41 minutes ago
0f4340c0a05e   nginx:latest                           e-comm-rabbitmq-gateway-1 "/docker-entrypoint.s..." 26 hours ago    Created
a013a836abcd   e-comm-rabbitmq-inventory              inventory              "unicorn --bind 0.0..." 26 hours ago    Exited (0) 24 hours ago
c3bc5c276fbb   e-comm-rabbitmq-checkout-2             e-comm-rabbitmq-checkout-2-1 "unicorn --bind 0.0..." 26 hours ago    Exited (0) 24 hours ago
ebald6d9473d   e-comm-rabbitmq-checkout-1             e-comm-rabbitmq-checkout-1-1 "unicorn --bind 0.0..." 26 hours ago    Exited (0) 24 hours ago
4e77f4f4d7a7   rabbitmq:3-management                 rabbitmq               "docker-entrypoint.s..." 26 hours ago    Exited (0) 24 hours ago
d1267c76bb98   portainer/portainer-ce                 portainer              "/portainer"            3 days ago     Up 51 minutes  8000/tcp, 9443/tcp, 0.0.0.0:9000->9000/tcp, [::]:9000->9000/tcp
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker rm ^C
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker rm c2bfff093185
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker ps -a
CONTAINER ID   IMAGE                                     NAMES                  COMMAND                  CREATED        STATUS        PORTS
0baed948dd93   hello-world                             blissful_tharp         "/hello"                42 minutes ago Exited (0) 42 minutes ago
0f4340c0a05e   nginx:latest                           e-comm-rabbitmq-gateway-1 "/docker-entrypoint.s..." 26 hours ago    Created
a013a836abcd   e-comm-rabbitmq-inventory              inventory              "unicorn --bind 0.0..." 26 hours ago    Exited (0) 24 hours ago
c3bc5c276fbb   e-comm-rabbitmq-checkout-2             e-comm-rabbitmq-checkout-2-1 "unicorn --bind 0.0..." 26 hours ago    Exited (0) 24 hours ago
ebald6d9473d   e-comm-rabbitmq-checkout-1             e-comm-rabbitmq-checkout-1-1 "unicorn --bind 0.0..." 26 hours ago    Exited (0) 24 hours ago
4e77f4f4d7a7   rabbitmq:3-management                 rabbitmq               "docker-entrypoint.s..." 26 hours ago    Exited (0) 24 hours ago
d1267c76bb98   portainer/portainer-ce                 portainer              "/portainer"            3 days ago     Up 51 minutes  8000/tcp, 9443/tcp, 0.0.0.0:9000->9000/tcp, [::]:9000->9000/tcp
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS:~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$
```

SS13:

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker images
REPOSITORY                                TAG                                IMAGE ID            SIZE
apache/spark:3.5.0                        b7bd251f1d58                    981MB               0B
confluentinc/cp-kafka:7.5.0               af34583c49f0                    849MB               0B
confluentinc/cp-zookeeper:7.5.0          04bd40128a4e                    849MB               0B
curlimages/curl:latest                    9dcf90ad7bb5                    24.2MB              0B
e-comm-rabbitmq-checkout-1:latest          a52255f3e91c                    136MB               0B
e-comm-rabbitmq-checkout-2:latest          406c04b8fec4                    136MB               0B
e-comm-rabbitmq-inventory:latest           592db61ee6ce                    136MB               0B
gcr.io/cadvisor/cadvisor:latest           a31688ab1366                    75.1MB              0B
grafana/grafana:latest                    aa786575ad94                    747MB               0B
hello-world:latest                        1b44b5a3e06a                    10.1kB              0B
manvithnayak8704/spam-web-app-pes2ug23cs330:v1 1fc654a1cca6                    381MB               0B
nginx:latest                              5cdef4ac3335                    161MB               0B
portainer/portainer-ce:latest              2622931a6f42                    184MB               0B
prom/prometheus:latest                    937690d77350                    367MB               0B
python:3.10-slim                           988b1bc80158                    122MB               0B
rabbitmq:3-management                     de912cbbf07f                    252MB               0B
spam-web-app-pes2ug23cs330:latest          1fc654a1cca6                    381MB               0B
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker rmi spam-web-app-pes2ug23cs330
Untagged: spam-web-app-pes2ug23cs330:latest
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker rmi spam-web-app-pes2ug23cs330:latest
Error response from daemon: No such image: spam-web-app-pes2ug23cs330:latest
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker images
REPOSITORY                                TAG                                IMAGE ID            SIZE
apache/spark:3.5.0                        b7bd251f1d58                    981MB               0B
confluentinc/cp-kafka:7.5.0               af34583c49f0                    849MB               0B
confluentinc/cp-zookeeper:7.5.0          04bd40128a4e                    849MB               0B
curlimages/curl:latest                    9dcf90ad7bb5                    24.2MB              0B
e-comm-rabbitmq-checkout-1:latest          a52255f3e91c                    136MB               0B
e-comm-rabbitmq-checkout-2:latest          406c04b8fec4                    136MB               0B
e-comm-rabbitmq-inventory:latest           592db61ee6ce                    136MB               0B
gcr.io/cadvisor/cadvisor:latest           a31688ab1366                    75.1MB              0B
grafana/grafana:latest                    aa786575ad94                    747MB               0B
hello-world:latest                        1b44b5a3e06a                    10.1kB              0B
manvithnayak8704/spam-web-app-pes2ug23cs330:v1 1fc654a1cca6                    381MB               0B
nginx:latest                              5cdef4ac3335                    161MB               0B
portainer/portainer-ce:latest              2622931a6f42                    184MB               0B
prom/prometheus:latest                    937690d77350                    367MB               0B
python:3.10-slim                           988b1bc80158                    122MB               0B
rabbitmq:3-management                     de912cbbf07f                    252MB               0B
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$
```

SS14:

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker rmi manvithnayak8704/spam-web-app-pes2ug23cs330:v1
Untagged: manvithnayak8704/spam-web-app-pes2ug23cs330:v1
Untagged: manvithnayak8704/spam-web-app-pes2ug23cs330@sha256:fa2ae9288307dae4662fd6da5f0777063551be19322a35742914f639add524d5
Deleted: sha256:1fc654a1cca69d8d014957b73f797a4797d07af9a8d8552ce579ffbc749373ff
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker images
REPOSITORY                                TAG                                IMAGE ID            SIZE
apache/spark:3.5.0                        b7bd251f1d58                    981MB               0B
confluentinc/cp-kafka:7.5.0               af34583c49f0                    849MB               0B
confluentinc/cp-zookeeper:7.5.0          04bd40128a4e                    849MB               0B
curlimages/curl:latest                    9dcf90ad7bb5                    24.2MB              0B
e-comm-rabbitmq-checkout-1:latest          a52255f3e91c                    136MB               0B
e-comm-rabbitmq-checkout-2:latest          406c04b8fec4                    136MB               0B
e-comm-rabbitmq-inventory:latest           592db61ee6ce                    136MB               0B
gcr.io/cadvisor/cadvisor:latest           a31688ab1366                    75.1MB              0B
grafana/grafana:latest                    aa786575ad94                    747MB               0B
hello-world:latest                        1b44b5a3e06a                    10.1kB              0B
nginx:latest                              5cdef4ac3335                    161MB               0B
portainer/portainer-ce:latest              2622931a6f42                    184MB               0B
prom/prometheus:latest                    937690d77350                    367MB               0B
python:3.10-slim                           988b1bc80158                    122MB               0B
rabbitmq:3-management                     de912cbbf07f                    252MB               0B
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC Lab 3/PES2UG23CS330/ml-docker-pes2ug23cs330$

PES2UG23CS330

Yes. The command 'docker image prune -a' deletes all unused Docker images in one go, including dangling and unreferenced images.
```

SS15:

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC_Lab_3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker pull manvithnayak8704/spam-web-app-pes2ug23cs330:v1
v1: Pulling from manvithnayak8704/spam-web-app-pes2ug23cs330
0c8d55a45c0d: Already exists
690eaaffc0e9: Already exists
d0d1977db485: Already exists
63eb7511fc1: Already exists
e38df857d749: Already exists
44627c93f128: Already exists
faafc5b62c85: Already exists
99a6ef2384b5: Already exists
4a248b42b8a9: Already exists
6de95886b3e8: Already exists
Digest: sha256:fa2ae9288307dae4662fd5f0777063551be19322a35742914f639add524d5
Status: Downloaded newer image for manvithnayak8704/spam-web-app-pes2ug23cs330:v1
docker.io/manvithnayak8704/spam-web-app-pes2ug23cs330:v1
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC_Lab_3/PES2UG23CS330/ml-docker-pes2ug23cs330$ docker images
```

REPOSITORY	IMAGE ID	SIZE	STATUS
apache/spark:3.5.0	b7bd251f1d58	981MB	0B
confluentinc/cp-kafka:7.5.0	af34583c49f0	849MB	0B
confluentinc/cp-zookeeper:7.5.0	04bd40128a4e	849MB	0B
curlimages/curl:latest	9dcf90ad7bb5	24.2MB	0B
%comm-rabbitmq-checkout-1:latest	a52255f3e91c	136MB	0B
%comm-rabbitmq-checkout-2:latest	406c04b8fec4	136MB	0B
%comm-rabbitmq-inventory:latest	592db61ee6ce	136MB	0B
gr.io/cadvisor/cadvisor:latest	a31688ab1366	75.1MB	0B
grafana/grafana:latest	aa786575ad94	747MB	0B
hello-world:latest	1b44b5a3e06a	10.1kB	0B
manvithnayak8704/spam-web-app-pes2ug23cs330:v1	1fc654a1cca6	381MB	0B
nginx:latest	5cdef4ac3335	161MB	0B
portainer/portainer-ce:latest	2622931a6f42	184MB	0B
prom/prometheus:latest	937690d77350	367MB	0B
python:3.10-slim	988b1bc80158	122MB	0B
rabbitmq:3-management	de912cbbf07f	252MB	0B

```
manvith@manvith-ASUS-TUF-Gaming-A16-FA617XS-FA617XS: ~/Downloads/CC_Lab_3/PES2UG23CS330/ml-docker-pes2ug23cs330$
```