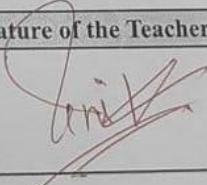


Experiment 9

Title:	To study and implement Docker as a repository for storing images		LO6
Student Name	Mork Lopez	Roll no.	9913
Sign here to indicate that you have read all relevant material provided/ available on Moodle/ Classroom while performing and writing this experiment			

Rubrics:

Criteria	Excellent	Good	Satisfactory	Poor	Total Marks
Dockerfile & Image Creation	Optimized, correct Dockerfile syntax, clean image build	Minor issues in Dockerfile, builds successfully	Basic Dockerfile with inefficiencies or minor build issues	Dockerfile is incorrect or image fails to build	6 5
Application Deployment	App runs in container, accessible via exposed port, no errors	App runs with minor config or port issues	App deploys partially or shows limited output	App does not run in container	6 5
Execution & Demonstration	All Docker commands correct, shows running container and proper cleanup	Most commands correct, some minor mistakes	Basic command usage, limited cleanup or understanding	Commands are incorrect or fail, incomplete demonstration	6 5
Conceptual Understanding	Clear, confident explanation of Docker concepts and deployment steps	Good understanding, few gaps	Partial understanding, requires prompting	Cannot explain Docker basics or deployment process	2 2
Total Marks					17

Date of Performance	Date of Submission	Signature of the Teacher
		

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Containers

Images

Volumes

Builds

Docker Hub

Docker Scout

Extensions

Images

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Local

Docker Hub repositories

1.9 GB / 1.9 GB in use

1 images

Last refresh: 2 seconds ago

Search

	Name	Tag	Image ID	Created	Size	Actions
<input type="checkbox"/>	markyyyy/file-transfer	latest	8dbf1a1b255e	1 day ago	1.9 GB	<div><div></div><div></div><div></div></div>

Showing 1 item

Walkthroughs

1 FROM node

How do I run a container?

Run Docker Hub images

Engine running

RAM 2.35 GB CPU 0.13% Disk: 3.89 GB used (limit 1006.85 GB)

Terminal

v4.40.0

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Import builds

Builder settings

desktop-linux

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Build history

Active builds

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	Name	ID	Builder	Duration	Created	Author	
<input type="checkbox"/>	file-transfer	9vk7iz	<div></div> desktop-linux	6m 27s	1 day ago	N/A	<div></div>
<input type="checkbox"/>	file-transfer	2kw5sm	<div></div> desktop-linux	12.5s	1 day ago	N/A	<div></div>

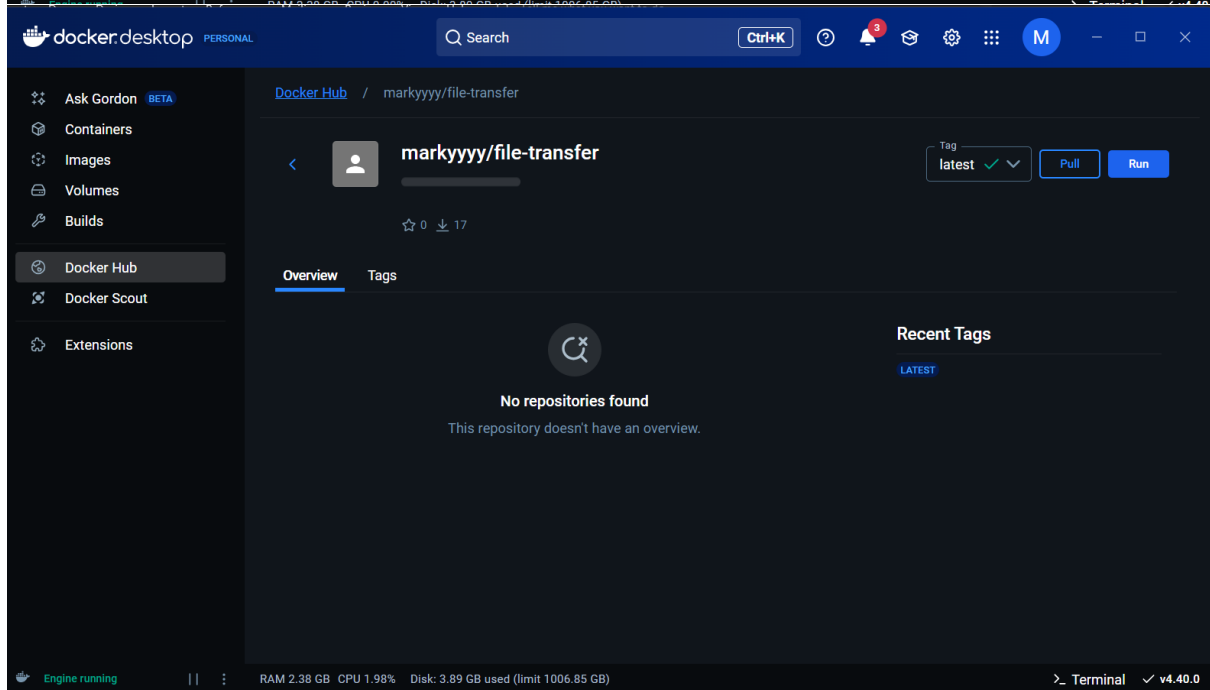
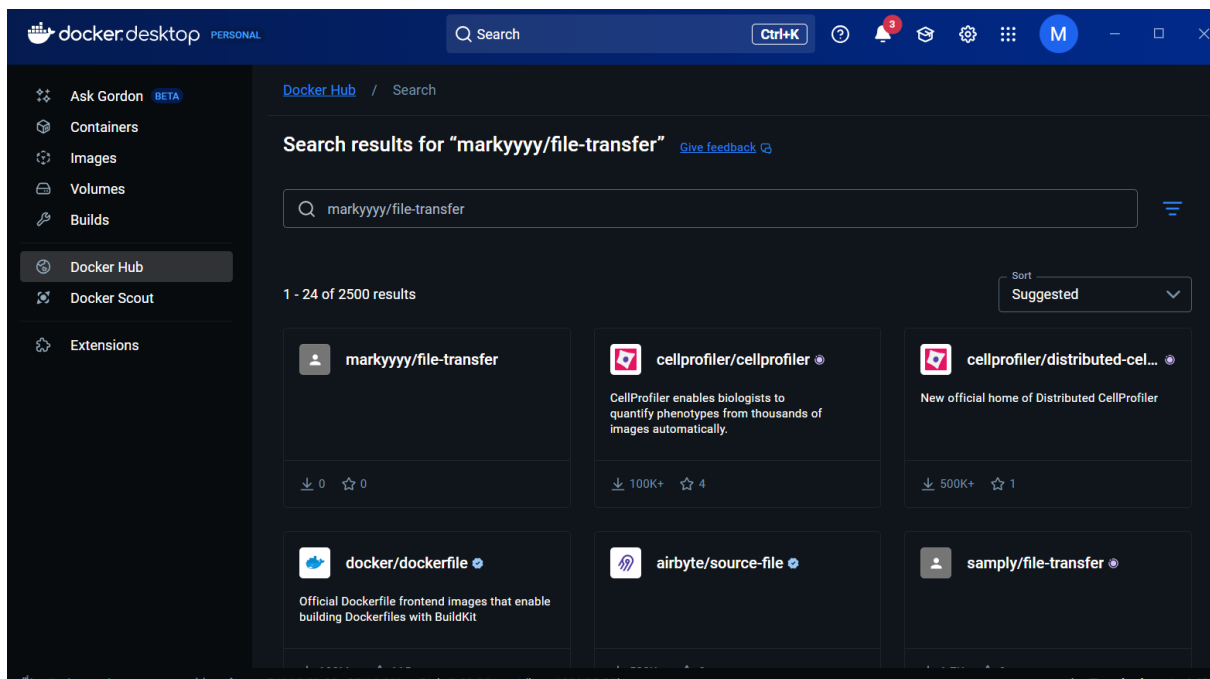
Rows per page: 10 1-2 of 2

Engine running

RAM 2.37 GB CPU 0.87% Disk: 3.89 GB used (limit 1006.85 GB)

Terminal

v4.40.0



```
Mark Lopes@Lenovo MINGW64 ~
$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
markyyyy/file-transfer  latest     8dbf1a1b255e  33 hours ago  1.9GB

Mark Lopes@Lenovo MINGW64 ~
$ docker run -d -p 3000:8080 markyyyy/file-transfer:latest
1c2342688d7516ce299775770c7bd311d5597335b89dda876c08a72dc2b3460e

Mark Lopes@Lenovo MINGW64 ~
$ docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED
STATUS        PORTS                    NAMES
1c2342688d75  markyyyy/file-transfer:latest       "docker-entrypoint.s..." 3 second
s ago        Up 3 seconds            0.0.0.0:3000->8080/tcp    trusting_wiles
```

