NAME: SHER ALI

ROLL NO: P21-8024

BCS-5A

LAB TASK 3

SUDO DOCKER-COMPOSE BUILD

```
sherali@linux:~$ cd Desktop/
sherali@linux:~/Desktop$ cd LAB\ TASK\ 3/
sherali@linux:~/Desktop/LAB TASK 3$ sudo docker-compose build
[sudo] password for sherali:
mongodb uses an image, skipping
mongo-express uses an image, skipping
```

SUDO DOCKER PULL MONGO

```
sherali@linux:~/Desktop/LAB TASK 3$ sudo docker pull mongo
Using default tag: latest
latest: Pulling from library/mongo
707e32e9fc56: Pull complete
c7ac84d07e95: Pull complete
ce678af55db4: Pull complete
e6212b74a0e2: Pull complete
08077ff6df71: Pull complete
5c1db0580f35: Pull complete
9d294053e6f8: Pull complete
c2aad3066658: Pull complete
c2aad3066658: Pull complete
bigest: sha256:d4e2a8cc40e141c9a2fc80b2ca7e747d2241f4203bed5bcd6842a8b31a3b6f6c
Status: Downloaded newer image for mongo:latest
docker.io/library/mongo:latest
```

SUDO DOCKER-COMPOSE UP

```
sherali@linux:~/Desktop/LAB TASK 3$ sudo docker-compose up
Creating network "labtask3_default" with the default driver
Pulling mongo-express (mongo-express:)...
latest: Pulling from library/mongo-express
9398808236ff: Pull complete
e8dad1cef999: Pull complete
865eba8aa719: Pull complete
30efa6c25370: Pull complete
7dce78b77cae: Pull complete
6053c98846fe: Pull complete
Digest: sha256:b1579aa8b6164281384556b474c61b8ecdbb6cdaa0bd1f7f56964c6117dfce49
Status: Downloaded newer image for mongo-express:latest
Creating labtask3_mongo-express_1 ... done
Creating labtask3_mongodb_1 ... done
Attaching to labtask3_mongo-express_1, labtask3_mongodb_1
```

MONGO EXPRESS SERVER

```
mongo-express_1 | Mongo Express server listening at http://0.0.0.0:8081
mongo-express_1 | Server is open to allow connections from anyone (0.0.0.0)
mongo-express_1 | basicAuth credentials are "admin:pass", it is recommended you change this in your config.is!
```

ALL RUNNING CONTAINER

sherali@linux:~/Desktop/LAB TASK 3\$ sudo docker ps [sudo] password for sherali: COMMAND CREATED STATUS PORTS CONTAINER ID IMAGE NAMES "docker-entrypoint.s..." 0.0.0.0:27017->27017/tcp, :::27017->27017/tcp 977fab5bc987 mongo 34 minutes ago Up 34 minutes labtask3 mongodb 1 98d0e88f35b4 mongo-express "/sbin/tini -- /dock..." 34 minutes ago Up 34 minutes 0.0.0.0:8081->8081/tcp, :::8081->8081/tcp labtask3 mongo-express 1

MONGO EXPRESS

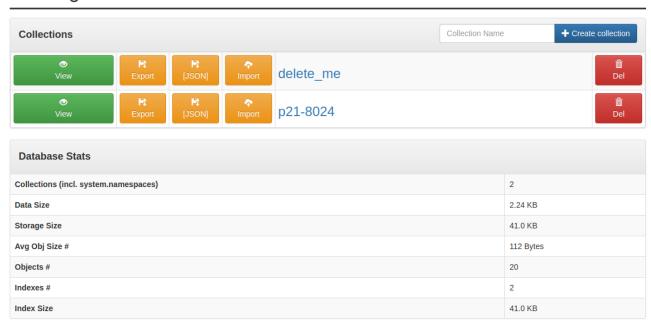
Mongo Express



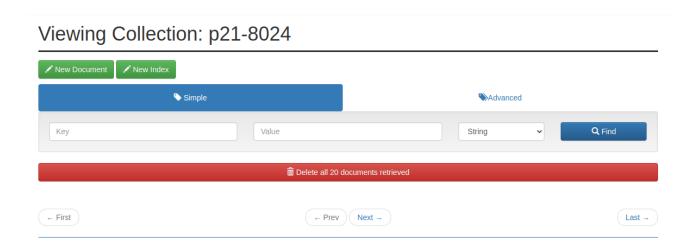
Server Status								
Hostname	977fab5bc987	MongoDB Version	7.0.2					
Uptime	2929 seconds	Node Version	18.18.0					
Server Time	Time Thu, 12 Oct 2023 07:27:20 GMT V8 Version		10.2.154.26-node.26					
Current Connections	3	Available Connections	838857					
Active Clients	0	Queued Operations	0					
Clients Reading	0	Clients Writing	0					
Read Lock Queue	0	Write Lock Queue	0					

VIEWING DATABASE

Viewing Database: sherali

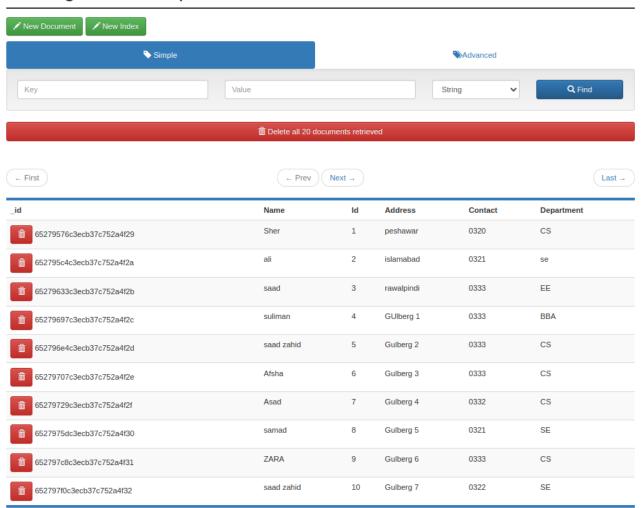


VIEW COLLECTION



MY DATABASE

Viewing Collection: p21-8024



VIEWING COLLECTION STATS

Collection Stats

Documents	20
Total doc size	2.19 KB
Average doc size	112 Bytes
Pre-allocated size	36 KB
Indexes	1
Total index size	36 KB
Padding factor	
Extents	

Indexes

Name	Columns	Size	Attributes	Actions
id	_id ASC	36 KB		â DEL