

Assignment 2b Docker

Command: to check existing images list

docker images

Command: to check container list

docker ps

Command: to pull the mongo image

docker pull mongo

```
Command Prompt - docker run mongolatest
runc:
  Version:      1.1.12
  GitCommit:    v1.1.12-0-g51d5e94
  docker-init:
    Version:    0.19.0
    GitCommit:  de40ad0

C:\Users\ASUS>docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
mongo      latest b8df2163f9aa 3 weeks ago 755MB

C:\Users\ASUS>docker pull mongo
Using default tag: latest
latest: Pulling from library/mongo
01007420e9b0: Pull complete
bc3bec6a423e: Pull complete
c5db81b694a8: Pull complete
427a1a117df0: Pull complete
8fb180c9e7b5: Pull complete
92e6f08e113c: Pull complete
57d042f3159: Pull complete
73549bb43006: Pull complete
Digest: sha256:5a54d0223fe207d15dc48773a7b9e7e519f83ad94a19c2ddac201d7aae109eb1
Status: Downloaded newer image for mongo:latest
docker.io/library/mongo:latest

What's Next?
View a summary of image vulnerabilities and recommendations → docker scout quickview mongo

C:\Users\ASUS>docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
mongo      latest b8df2163f9aa 3 weeks ago 755MB

C:\Users\ASUS>docker run mongo
{"l":{"sdate":"2024-03-01T04:57:14.888+00:00"},"s":"I", "c":"NETWORK", "id":4915701, "ctx":"main","msg":"Initialized wire specification","attr":{"spec":{"incomingExternalClient":{"minWireVersion":0,"maxWireVersion":21},"incomingInternalClient":{"minWireVersion":0,"maxWireVersion":21},"outgoing":{"minWireVersion":6,"maxWireVersion":21},"isInternalClient":true}}}}
{"l":{"sdate":"2024-03-01T04:57:14.815+00:00"},"s":"I", "c":"CONTROL", "id":23285, "ctx":"main","msg":"Automatically disabling TLS 1.0, to force-enable TLS 1.0 specify --sslDisabledProtocols 'none'"}}
{"l":{"sdate":"2024-03-01T04:57:14.820+00:00"},"s":"I", "c":"NETWORK", "id":4648601, "ctx":"main","msg":"Implicit TCP FastOpen unavailable. If TCP FastOpen is required, set tcpFastOpenServer, tcpFastOpenClient, and tcpFastOpenQueueSize."}}
{"l":{"sdate":"2024-03-01T04:57:14.854+00:00"},"s":"I", "c":"REPL", "id":5123008, "ctx":"main","msg":"Successfully registered PrimaryOnlyService","attr":{"service":"TenantMigrationDonorService","namespace":"config.tenantMigrationDonors"}}
{"l":{"sdate":"2024-03-01T04:57:14.854+00:00"},"s":"I", "c":"REPL", "id":5123008, "ctx":"main","msg":"Successfully registered PrimaryOnlyService","attr":{"service":"TenantMigrationRecipientService","namespace":"config.tenantMigrationRecipients"}}
{"l":{"sdate":"2024-03-01T04:57:14.854+00:00"},"s":"I", "c":"CONTROL", "id":5945603, "ctx":"main","msg":"Multi threading initialized"}}
{"l":{"sdate":"2024-03-01T04:57:14.857+00:00"},"s":"I", "c":"TENANT_M", "id":7091600, "ctx":"main","msg":"Starting TenantMigrationAccessBlockerRegistry"}}
{"l":{"sdate":"2024-03-01T04:57:14.858+00:00"},"s":"I", "c":"CONTROL", "id":4615611, "ctx":"initandlisten","msg":"MongoDB starting","attr":{"pid":1,"port":27017,"dbPath":"/data/db","architecture":"64-bit","host":"36d39759b74e"}}
{"l":{"sdate":"2024-03-01T04:57:14.858+00:00"},"s":"I", "c":"CONTROL", "id":23403, "ctx":"initandlisten","msg":"Build Info","attr":{"buildInfo":{"version":"7.0.5","gitVersion":"7809d71e84e314b497f282ea8aa06d..."}}
```

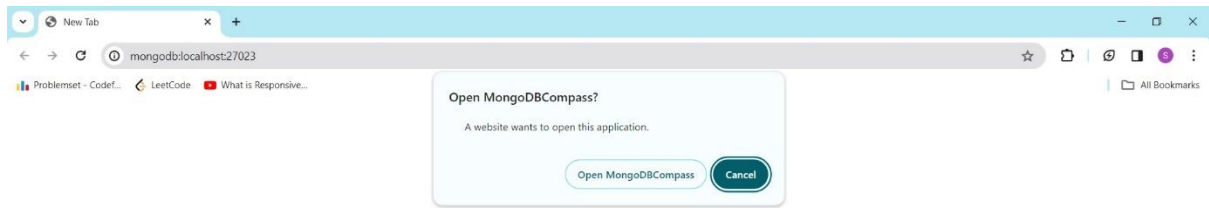
Command: to run

docker run -d -p 27023:27017 mongo:latest

```
C:\Users\ASUS>docker run -d -p 27023:27017 mongo:latest
bc9273fb81b1089edd0c430747fabb6c8e0e8c2c1074ec06cb0de1fc256b99ee

C:\Users\ASUS>docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
bc9273fb81b1 mongo:latest "docker-entrypoint.s..." 5 seconds ago Up 4 seconds 0.0.0.0:27023->27017/tcp lucid-swanson
```

OUTPUT -



Type `mongodb://localhost:27023/` and connect

