

LAB_6 ASSIGNMENT

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The image shows a Docker Desktop interface and a web browser window. The Docker Desktop window displays the 'Containers' tab with two running containers: 'flamboyant_elion' and 'confident_wright'. Below the containers, there are 'Walkthroughs' for 'What is a container?' and 'How do I run a container?'. The web browser window shows a page with a 'New Item' input field and an 'Add Item' button, with the message 'No items yet! Add one above!'.

Docker Desktop Interface:

- Containers:** 0.84% / 800% (8 cores allocated)
- Container memory usage:** 424.02MB / 3.67GB
- Search:** Search for images, containers, volumes, extensions and more...
- Only show running containers:** ☒
- Containers Table:**

Name	Image	Status	CPU (%)	Port(s)	Last started	Actions
flamboyant_elion 9d3d2f0d0b2e	getting-started	Running	0%	3000:3000	20 hours ago	[Stop] [Refresh] [Delete]
confident_wright bec3909ab10f	mysql:latest	Running	0.84%	3306:3306	21 hours ago	[Stop] [Refresh] [Delete]

Showing 2 items

Walkthroughs:

- What is a container?** 5 mins
- How do I run a container?** 6 mins

[View more in the Learning center](#)

Web Browser Window:

- Address Bar:** localhost:3000
- Page Content:** New Item [Add Item]
- Message:** No items yet! Add one above!

Docker Desktop Upgrade plan Search: mysql Ctrl+K Sign in

Containers

Images

Volumes

Dev Environments BETA

Docker Scout

Learning center

Extensions

Add Extensions

confident_wright

mysql:latest

bec3909ab10f 3306:3306

STATUS
Running (5 minutes ago)

Logs Inspect Bind mounts Exec Files Stats

```
2023-10-24 22:45:22 Warning: Unable to load '/usr/share/zoneinfo/iso3166.tab' as time zone. Skipping it.
2023-10-24 22:45:22 Warning: Unable to load '/usr/share/zoneinfo/leap-seconds.list' as time zone. Skipping it.
2023-10-24 22:45:22 Warning: Unable to load '/usr/share/zoneinfo/leapseconds' as time zone. Skipping it.
2023-10-24 22:46:25 Warning: Unable to load '/usr/share/zoneinfo/tzdata.zi' as time zone. Skipping it.
2023-10-24 22:46:25 Warning: Unable to load '/usr/share/zoneinfo/zone.tab' as time zone. Skipping it.
2023-10-24 22:46:25 Warning: Unable to load '/usr/share/zoneinfo/zone1970.tab' as time zone. Skipping it.
2023-10-24 22:46:31
2023-10-24 22:46:31 2023-10-25 02:46:31+00:00 [Note] [Entrypoint]: Stopping temporary server
2023-10-24 22:46:31 2023-10-25T02:46:31.909158Z 10 [System] [MY-013172] [Server] Received SHUTDOWN from user root. Shutting down mysqld (Version: 8.1.0).
2023-10-24 22:46:39 2023-10-25T02:46:39.462167Z 0 [System] [MY-010910] [Server] /usr/sbin/mysqld: Shutdown complete (mysqld 8.1.0) MySQL Community Server - GPL.
2023-10-24 22:46:39 2023-10-25T02:46:39.636373Z 0 [System] [MY-015016] [Server] MySQL Server - end.
2023-10-24 22:46:39 2023-10-25 02:46:39+00:00 [Note] [Entrypoint]: Temporary server stopped
2023-10-24 22:46:39
2023-10-24 22:46:40 2023-10-25 02:46:40+00:00 [Note] [Entrypoint]: MySQL init process done. Ready for start up.
2023-10-24 22:46:40
2023-10-24 22:46:45 2023-10-25T02:46:40.298540Z 0 [System] [MY-015015] [Server] MySQL Server -- start.
2023-10-24 22:46:45 2023-10-25T02:46:44.964634Z 0 [Warning] [MY-011068] [Server] The syntax '--skip-host-cache' is deprecated and will be removed in a future release. Please use SET GLOBAL host_cache_size=0 instead.
2023-10-24 22:46:45 2023-10-25T02:46:45.033586Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 8.1.0) starting as process 1
2023-10-24 22:46:45 2023-10-25T02:46:45.393188Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.
2023-10-24 22:46:48 2023-10-25T02:46:48.795495Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.
2023-10-24 22:46:55 2023-10-25T02:46:55.011534Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is self signed.
2023-10-24 22:46:55 2023-10-25T02:46:55.012188Z 0 [System] [MY-013602] [Server] Channel mysql_main configured to support TLS. Encrypted connections are now supported for this channel.
2023-10-24 22:46:55 2023-10-25T02:46:55.090770Z 0 [Warning] [MY-011810] [Server] Insecure configuration for --pid-file: Location '/var/run/mysqld/' in the path is accessible to all OS users. Consider choosing a different directory.
2023-10-24 22:46:56 2023-10-25T02:46:56.394222Z 0 [System] [MY-011323] [Server] X Plugin ready for connections. Bind-address: '::' port: 33060, socket: /var/run/mysqld/mysql.sock
2023-10-24 22:46:56 2023-10-25T02:46:56.395470Z 0 [System] [MY-010931] [Server] /usr/sbin/mysqld: ready for connections. Version: '8.1.0' socket: '/var/run/mysqld/mysqld.sock' port: 3306 MySQL Community Server - GPL.
```

MySQL Workbench

File Edit View Database Tools Scripting Help

Welcome to MySQL Workbench

MySQL Connections +

Setup New Connection

Connection Name: test Type a name for the connection

Connection Method: Standard (TCP/IP) Method to use to connect to the RDBMS

Parameters SSL Advanced

Hostname: 127.0.0.1 Address of the server host - and

Username: root user to connect with.

Password: Store in Vault Password. Will be requested later if it's

Default Schema: to use as default schema. Leave it later.

Successfully made the MySQL connection

Information related to this connection:

Host: 127.0.0.1

Port: 3306

User: root

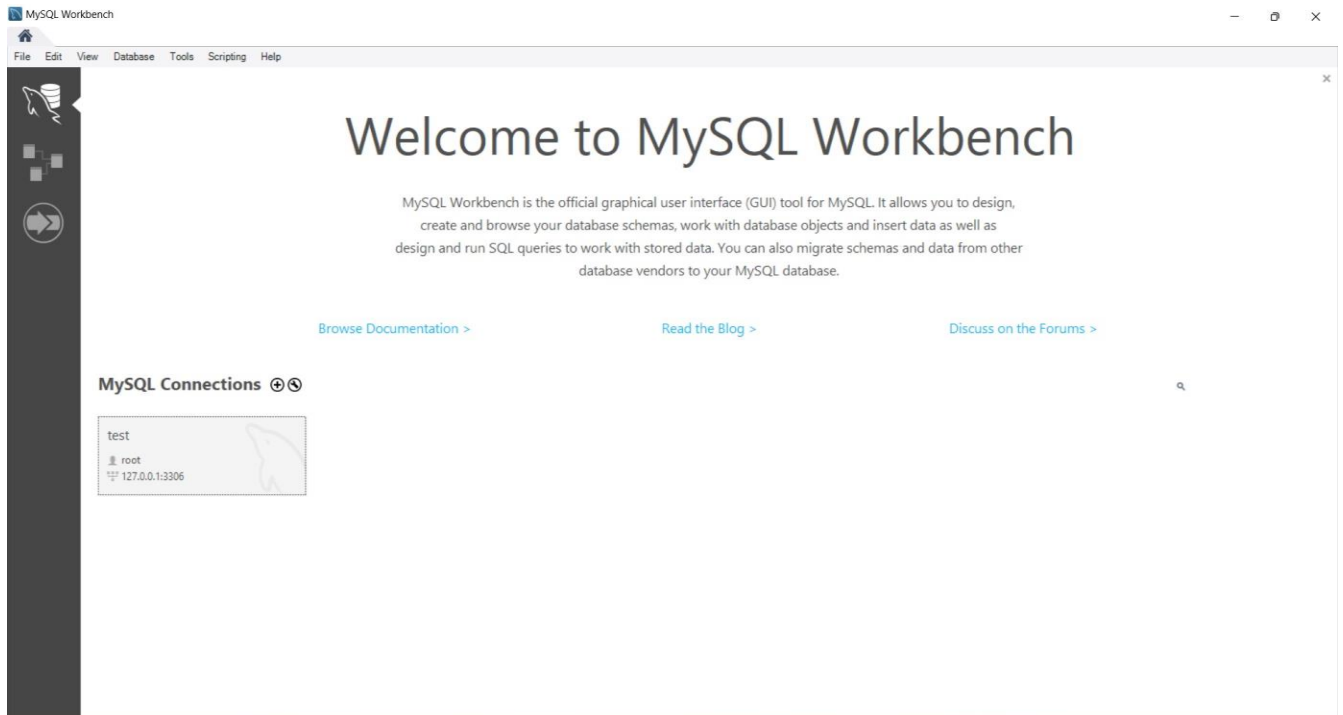
SSL: enabled with TLS_AES_256_GCM_SHA384

A successful MySQL connection was made with the parameters defined for this connection.

OK

Configure Server Management... Test Connection Cancel OK

Filter connections



```
Command Prompt
[internal] load build definition from Dockerfile
=> => transferring dockerfile: 190B
[internal] load .dockerignore
=> => transferring context: 2B
=> resolve image config for docker.io/docker/dockerfile:1
=> docker-image://docker.io/docker/dockerfile:1@sha256:ac85f380a63b13dfcefa89046420e1781752bab202122f8f50032edf31be0021
=> => resolve docker.io/docker/dockerfile:1@sha256:ac85f380a63b13dfcefa89046420e1781752bab202122f8f50032edf31be0021
=> => sha256:ac85f380a63b13dfcefa89046420e1781752bab202122f8f50032edf31be0021 8.40kB / 8.40kB
=> => sha256:657fcc512c7369f4cb3d94ea329150f8daf626bc838b1a1e81f1834c73ecc77e 482B / 482B
=> => sha256:a17ee7fff8f5e97b974f5b48f51647d2cf28d543f2aa6c11aaa0ea431b44bb89 1.27kB / 1.27kB
=> => sha256:9d9c93f4b00be908ab694a4df732570bcd3b8a96b7515d70ff93402179ad232 11.80MB / 11.80MB
=> => extracting sha256:9d9c93f4b00be908ab694a4df732570bcd3b8a96b7515d70ff93402179ad232
[internal] load metadata for docker.io/library/node:18-alpine
=> [1/4] FROM docker.io/library/node:18-alpine@sha256:435dcad253bb5b7f347ebc69c8cc52de7c912eb7241098b920f2fc2d7843183d
=> => resolve docker.io/library/node:18-alpine@sha256:435dcad253bb5b7f347ebc69c8cc52de7c912eb7241098b920f2fc2d7843183d
=> => sha256:435dcad253bb5b7f347ebc69c8cc52de7c912eb7241098b920f2fc2d7843183d 1.43kB / 1.43kB
=> => sha256:51490771aba658439d29b1b03b60fc31e67bf0da3e01cb5903716310df4be1c1 1.16kB / 1.16kB
=> => sha256:d1517ab6615b781f3b81f339100063d1b2b41f1a32a9efb8563ecd1375311c22 6.78kB / 6.78kB
=> => sha256:96526aa774ef0126ad0fe9e9a95764c5fc37f409ab9e97021e7b4775d82bf6fa 3.40MB / 3.40MB
=> => sha256:3130715204cf4a9be94608d180505f50862416589a8f03eba7b664f15b9c0283 47.88MB / 47.88MB
=> => sha256:b06de8ab1c4feccaf7b687bb7ebd5180c2bd1f59d91749619d52af77fd38ea13 2.34MB / 2.34MB
=> => extracting sha256:96526aa774ef0126ad0fe9e9a95764c5fc37f409ab9e97021e7b4775d82bf6fa
=> => sha256:90ef3ffcf51561ffa7dfaf2dc93f44601f8d4d4273ad8d54dbf34326c746a142 448B / 448B
=> => extracting sha256:3130715204cf4a9be94608d180505f50862416589a8f03eba7b664f15b9c0283
=> => extracting sha256:b06de8ab1c4feccaf7b687bb7ebd5180c2bd1f59d91749619d52af77fd38ea13
=> => extracting sha256:90ef3ffcf51561ffa7dfaf2dc93f44601f8d4d4273ad8d54dbf34326c746a142
[internal] load build context
=> => transferring context: 4.59MB
[2/4] WORKDIR /app
[3/4] COPY . .
[4/4] RUN yarn install --production
=> exporting to image
=> => exporting layers
=> => writing image sha256:819f8b14fa51ecb8adf53e4f1eae212a0a62cf3bef4f0b75a5022695ff8e65a0
=> => naming to docker.io/library/getting-started

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

C:\Users\User\Downloads\getting-started-app-main\getting-started-app-main\
```