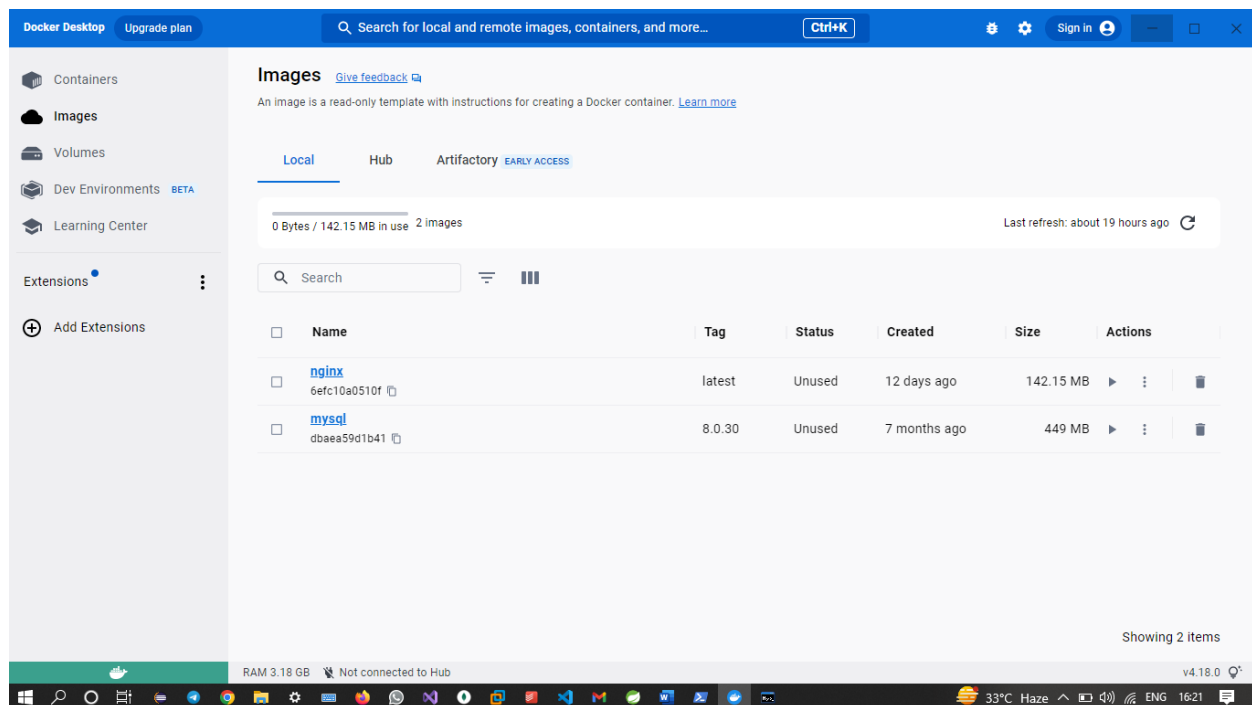


Download Mysql image

```
Windows PowerShell
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

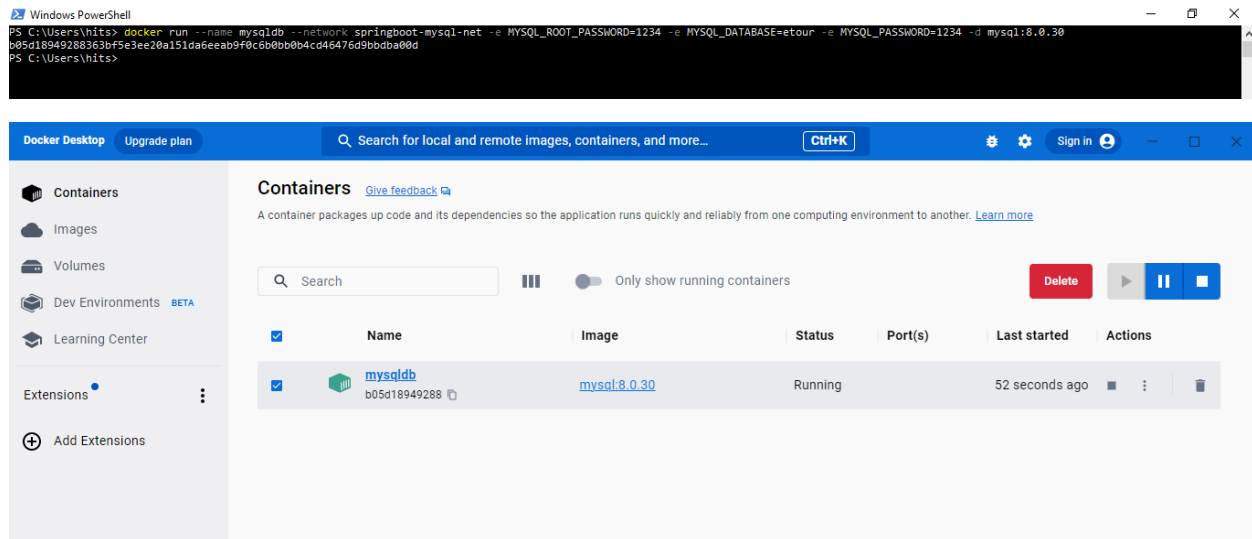
PS C:\Users\hits> docker pull mysql:8.0.30
8.0.30: Pulling from library/mysql
299ca2342728: Pull complete
79af4312a7e0: Pull complete
48d3d73d1704: Pull complete
521b8724b397: Pull complete
b8cf360b4a14: Pull complete
0115482cc006: Pull complete
a360b08917ea: Pull complete
12deeb3c1323: Pull complete
ee1dc10db1e9: Pull complete
64be404ad29c: Pull complete
1921fe0879a2: Pull complete
Digest: sha256:3c1aab708f6e57fc4dcca36bacc7219acfb4ec450f3fb6d370ea89409e906
Status: Downloaded newer image for mysql:8.0.30
docker.io/library/mysql:8.0.30
PS C:\Users\hits> docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
nginx         latest    6efc10a0510f   12 days ago    142MB
mysql         8.0.30    dbaea59d1b41   6 months ago   449MB
PS C:\Users\hits>
```



Create docker network

```
PS C:\Users\hits> docker network create springboot-mysql-net
fb7991d6f9a15ee219da5310b0b7195963b4c12b49c4eef073118ca523cb6333
PS C:\Users\hits> docker network ls
NETWORK ID          NAME                DRIVER              SCOPE
b799b7a0686b        bridge              bridge              local
392ce11fa07f        host                host                local
dac6dec9bcc4        none                null                local
fb7991d6f9a1        springboot-mysql-net bridge              local
PS C:\Users\hits>
```

Run mysql image by providing a username and password after this container will be created.:



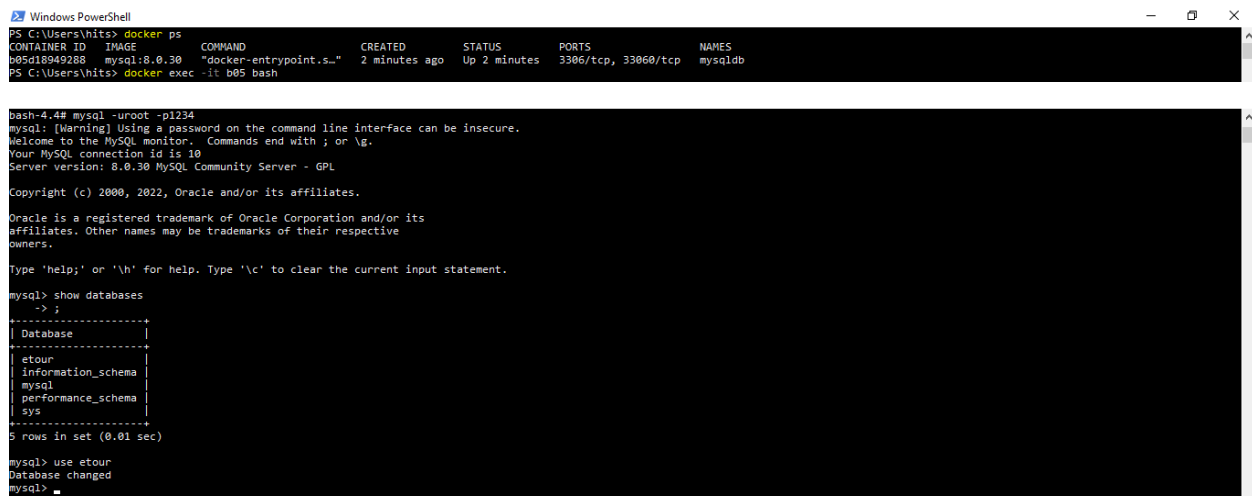
The screenshot shows a Windows PowerShell terminal window at the top with the following command executed:

```
PS C:\Users\hits> docker run --name mysql db --network springboot-mysql-net -e MYSQL_ROOT_PASSWORD=1234 -e MYSQL_DATABASE=etour -e MYSQL_PASSWORD=1234 -d mysql:8.0.30
```

Below the terminal is the Docker Desktop interface. The 'Containers' tab is selected, showing a list of containers. One container, named 'mysql db', is running. The interface includes a search bar, a toggle for 'Only show running containers', and a table of containers.

Name	Image	Status	Port(s)	Last started	Actions
mysql db b05d18949288	mysql:8.0.30	Running		52 seconds ago	[Delete] [Pause] [Stop]

Login to ur mysql and switch to database created:



The screenshot shows a terminal window with the following commands and output:

```
PS C:\Users\hits> docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS                    NAMES
b05d18949288   mysql:8.0.30 "docker-entrypoint.s..." 2 minutes ago  Up 2 minutes  3306/tcp, 33060/tcp      mysql db
PS C:\Users\hits> docker exec -it b05 bash

bash-4.4# mysql -uroot -p1234
mysql: [Warning] Using a password on the command line interface can be insecure.
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.30 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases
+-----+
| Database |
+-----+
| etour    |
| information_schema |
| mysql    |
| performance_schema |
| sys      |
+-----+
5 rows in set (0.01 sec)

mysql> use etour
Database changed
mysql>
```

In Application.properties file of SpringBootApplication add details of mysql conainer.

