

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\DELL> docker pull mysql
Using default tag: latest
latest: Pulling from library/mysql
Digest: sha256:a43f6e7e7f3a5e5b90f857fbed4e3103ece771b19f0f75880f767cf66bbb6577
Status: Image is up to date for mysql:latest
docker.io/library/mysql:latest
PS C:\Users\DELL> docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
sarthak_project     latest             54ce2ae5b6d4       2 hours ago        1.07GB
bank_proj.sql       latest             32fe72e7dd72       25 hours ago       564MB
project_final.py    latest             35831f4786ae       28 hours ago       1.07GB
mysql               latest             8189e588b0e8       9 days ago         564MB
PS C:\Users\DELL>
```

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An image is a read-only template with instructions for creating a Docker container. [Learn more](#)

Local

Hub

Artifactory EARLY ACCESS

1.78 GB / 1.78 GB in use

4 images

Last refresh: about 2 hours ago

Search

<input type="checkbox"/>	Name	Tag	Status	Created	Size	Actions
<input type="checkbox"/>	sarthak_project 54ce2ae5b6d4	latest	In use	about 2 hours ago	1.07 GB	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	bank_proj.sql 32fe72e7dd72	latest	In use	1 day ago	564.35 MB	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	project_final.py 35831f4786ae	latest	In use	1 day ago	1.07 GB	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	mysql 8189e588b0e8	latest	In use	9 days ago	564.34 MB	<div><div></div><div></div><div></div></div>

Showing 4 items

Docker > dockerfile > ...

```
PS D:\work\Docker>
```

```
PS D:\work\docker> docker network ls
NETWORK ID      NAME      DRIVER      SCOPE
a3c3078596fd    bridge    bridge       local
f4eff67ab8d5    host      host         local
ef465a5d75f5    none      null         local
7e5b5b97e1bc    project-mysql-net    bridge       local
60556c10139f    project-network    bridge       local
PS D:\work\docker>
```

```
docker: Error response from daemon: Conflict. The container name "/sarthak_project" is already in use by container "22c79debec6284227f98856d67266a0338cc171695b9a348fade158875d58b48".
You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
PS D:\work\docker> docker rm sarthak_project
sarthak_project
PS D:\work\docker> docker run -d -it --name sarthak_project -e MYSQL_HOST=mysqldb -e MYSQL_PORT=3306 -e MYSQL_DATABASE=bank -e MYSQL_USER=root -e MYSQL_PASSWORD=1234 -p 9090:9090 --network project-network sarthak_project
afafc1120b69b2cc1bffa88f7f5086a65c3aeafc4106a81474351d242ee50aae
PS D:\work\docker> docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS                    NAMES
fb5ab987c8a8   mysql     "docker-entrypoint.s..." 2 hours ago    Up 17 minutes    3306/tcp, 33060/tcp      mysqldb
PS D:\work\docker> docker ps -a
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS                    NAMES
afafc1120b69   sarthak_project    "python ./project_fi..." 11 seconds ago    Exited (1) 5 seconds ago                    sarthak_project
f151f827d0bd   sarthak_project    "python ./project_fi..." 13 minutes ago    Exited (1) 13 minutes ago                    sarthak_project_new
02ea1a23c2a6   sarthak_project    "python ./project_fi..." About an hour ago    Exited (1) About an hour ago                    22c79debec62
fb5ab987c8a8   mysql     "docker-entrypoint.s..." 2 hours ago      Up 17 minutes    3306/tcp, 33060/tcp      mysqldb
a0bd8922dcf9   project_final.py:latest    "python ./project_fi..." 23 hours ago     Exited (1) 23 hours ago                    beautiful_beaver
31fa099495c0   bank_proj.sql:latest    "docker-entrypoint.s..." 23 hours ago     Exited (1) 23 hours ago                    eager_agnesi
0b8ca9f0ed24   32fe72e7dd72    "docker-entrypoint.s..." 25 hours ago     Exited (1) 25 hours ago                    agitated_joliot
2e5f475746a4   project_final.py:latest    "python ./project_fi..." 26 hours ago     Exited (1) 26 hours ago                    confident_khayyam
5eca368de770   project_final.py:latest    "python ./project_fi..." 27 hours ago     Exited (1) 27 hours ago                    sharp_pasteur
c12971f527f2   35831f4786ae    "python ./project_fi..." 27 hours ago     Exited (1) 27 hours ago                    kind_newton
PS D:\work\docker>
```

Docker Desktop

Upgrade plan

Search for local and remote images, containers, and more... Ctrl+K

Containers

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Containers Give feedback


A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. [Learn more](#)



54ce2ae5b6d4


Only show running containers

<input type="checkbox"/>	Name	Image	Status	Port(s)	Last started	Actions
<input type="checkbox"/>	<div>22c79debec62</div> <div>02ea1a23c2a6</div>	sarthak_pr	Exited (1)		1 hour ago	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	<div>sarthak_project</div> <div>f151f827d0bd</div>	sarthak_pr	Exited (1)	9090:9090	1 second ago	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	<div>sarthak_project</div> <div>afafc1120b69</div>	sarthak_pr	Exited (1)	9090:9090	46 seconds ago	<div><div></div><div></div><div></div></div>





Showing 3 items

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-  Add Extensions


 **mysql** [mysql](#)




fb5ab987c8a8 

STATUS
Running (19 minutes ago)



LogsInspectTerminalFilesStats

[Open in external terminal](#) 



```
sh-4.4# mysql -uroot
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: NO)
sh-4.4# mysql -uroot -p 1234
Enter password:
ERROR 1049 (42000): Unknown database '1234'
sh-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 18
Server version: 8.0.33 MySQL Community Server - GPL

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owners.

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

mysql> show databases;
+-----+
| Database |
+-----+
| bank |
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
```

