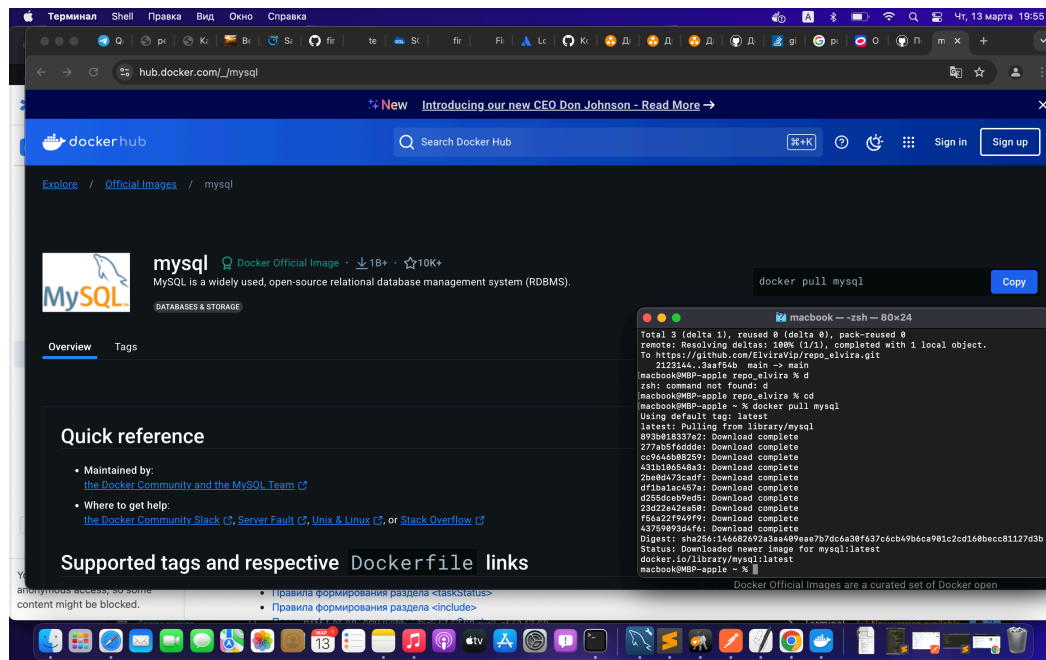
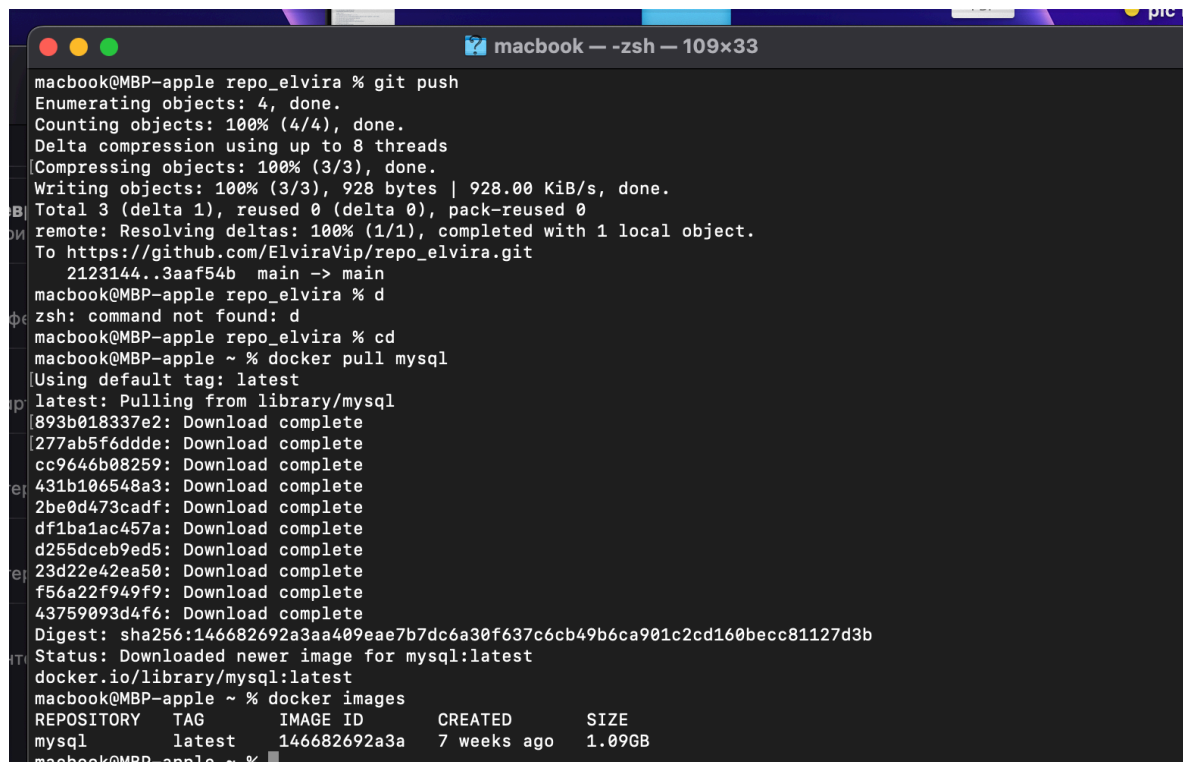


1) Скачать образ MYSQL docker pull mysql # КАЧАЕМ В БАШ



2) Смотрим образ \$ docker images



3) Запускаем контейнер с сервером MySQL и получаем уникальный хэш \$ docker run --name some-mysql -e MYSQL_ROOT_PASSWORD=my-secret-pw -d mysql

```
macbook — zsh — 92x33
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 928 bytes | 928.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ElviraVip/repo_elvira.git
  2123144..3aaf54b  main -> main
macbook@MBP-apple repo_elvira % d
zsh: command not found: d
macbook@MBP-apple repo_elvira % cd
macbook@MBP-apple ~ % docker pull mysql
Using default tag: latest
latest: Pulling from library/mysql
893b018337e2: Download complete
277ab5f6ddde: Download complete
cc9646b08259: Download complete
431b106548a3: Download complete
2be0d473cadf: Download complete
df1ba1ac457a: Download complete
d255dceb9ed5: Download complete
23d22e42ea50: Download complete
f56a22f949f9: Download complete
43759093d4f6: Download complete
Digest: sha256:146682692a3aa409eae7b7dc6a30f637c6cb49b6ca901c2cd160becc81127d3b
Status: Downloaded newer image for mysql:latest
docker.io/library/mysql:latest
macbook@MBP-apple ~ % docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
mysql         latest    146682692a3a   7 weeks ago    1.09GB
macbook@MBP-apple ~ % docker run --name some-mysql -e MYSQL_ROOT_PASSWORD=my-secret-pw -d mysql
975e89a368c617a341c14bc45e4ba057489fceb61b5706b986979c09c102922b
macbook@MBP-apple ~ %
```

4) Смотрим запущенные контейнеры

\$ docker ps

```
macbook — -zsh — 92x33
To https://github.com/ElviraVip/repo_elvira.git
2123144..3aaf54b main -> main
macbook@MBP-apple repo_elvira % d
zsh: command not found: d
macbook@MBP-apple repo_elvira % cd
macbook@MBP-apple ~ % docker pull mysql
Using default tag: latest
latest: Pulling from library/mysql
893b018337e2: Download complete
277ab5f6ddde: Download complete
cc9646b08259: Download complete
431b106548a3: Download complete
2be0d473cadf: Download complete
df1ba1ac457a: Download complete
d255dceb9ed5: Download complete
23d22e42ea50: Download complete
f56a22f949f9: Download complete
43759093d4f6: Download complete
Digest: sha256:146682692a3aa409eae7b7dc6a30f637c6cb49b6ca901c2cd160becc81127d3b
Status: Downloaded newer image for mysql:latest
docker.io/library/mysql:latest
macbook@MBP-apple ~ % docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
mysql          latest    146682692a3a   7 weeks ago    1.09GB
macbook@MBP-apple ~ % docker run --name some-mysql -e MYSQL_ROOT_PASSWORD=my-secret-pw -d mysql
975e89a368c617a341c14bc45e4ba057489fceb61b5706b986979c09c102922b
macbook@MBP-apple ~ % docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS
975e89a368c6   mysql    "docker-entrypoint.s..." About a minute ago Up About a minute 3306/tcp, 33060/tcp
some-mysql
macbook@MBP-apple ~ %
```

5) Подключаемся к контейнеру

```
$ docker exec -it <CONTAINER_ID> bash
```

```
macbook — docker exec -it 975e89a368c6 bash — 92x33

2123144..3aaf54b main -> main
macbook@MBP-apple repo_elvira % d
zsh: command not found: d
macbook@MBP-apple repo_elvira % cd
macbook@MBP-apple ~ % docker pull mysql
Using default tag: latest
latest: Pulling from library/mysql
893b018337e2: Download complete
277ab5f6ddde: Download complete
cc9646b08259: Download complete
431b106548a3: Download complete
2be0d473cadf: Download complete
df1ba1ac457a: Download complete
d255dceb9ed5: Download complete
23d22e42ea50: Download complete
f56a22f949f9: Download complete
43759093d4f6: Download complete
Digest: sha256:146682692a3aa409eae7b7dc6a30f637c6cb49b6ca901c2cd160becc81127d3b
Status: Downloaded newer image for mysql:latest
docker.io/library/mysql:latest
macbook@MBP-apple ~ % docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
mysql latest 146682692a3a 7 weeks ago 1.09GB
macbook@MBP-apple ~ % docker run --name some-mysql -e MYSQL_ROOT_PASSWORD=my-secret-pw -d mysql
975e89a368c617a341c14bc45e4ba057489fceb61b5706b986979c09c102922b
macbook@MBP-apple ~ % docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS
975e89a368c6 mysql "docker-entrypoint.s..." About a minute ago Up About a minute
306/tcp, 33060/tcp some-mysql
macbook@MBP-apple ~ % docker exec -it 975e89a368c6 bash
bash-5.1#
```

6) Подключаемся к серверу MySQL

bash-5.1# mysql -u root -p

```
macbook — docker exec -it 975e89a368c6 bash — 92x33
macbook@MBP-apple ~ % docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
mysql          latest    146682692a3a   7 weeks ago    1.09GB
macbook@MBP-apple ~ % docker run --name some-mysql -e MYSQL_ROOT_PASSWORD=my-secret-pw -d mysql
975e89a368c617a341c14bc45e4ba057489fceb61b5706b986979c09c102922b
macbook@MBP-apple ~ % docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS
975e89a368c6   mysql     "docker-entrypoint.s..." About a minute ago Up About a minute 3306/tcp, 33060/tcp
macbook@MBP-apple ~ % docker exec -it 975e89a368c6 bash
bash-5.1# mysql -u root -p
Enter password:
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)
bash-5.1# mysql -u root -p
Enter password:
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)
bash-5.1# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 9.2.0 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>
```

Enter password:my-secret-pw

7. Подключаемся к MySQL
mysql -u root -p

```
macbook — docker exec -it 975e89a368c6 bash — 92x33
[Enter password:
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)
bash-5.1# mysql -u root -p
[Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 9.2.0 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> mysql -u root -p
[      -> show databases;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds
to your MySQL server version for the right syntax to use near 'mysql -u root -p
show databases' at line 1
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
4 rows in set (0.01 sec)

mysql> █
```