Виконав:мол.с-т.Костюк.М.М.

```
fhvb_16@max10:~$ sudo docker images
REPOSITORY          TAG       IMAGE ID       CREATED        SIZE
mysql/mysql-server  latest    1d9c2219ff69   10 months ago  496MB
fhvb_16@max10:~$
```

```
root@max10:~# docker ps -a
CONTAINER ID  IMAGE                    COMMAND             CREATED      STATUS                 PORTS
                                       NAMES
a88898a7e7b3  mysql/mysql-server:latest "/entrypoint.sh mysq…"  9 hours ago  Up 3 minutes (healthy)  33060-33061/tcp,
  0.0.0.0:33060->3306/tcp, :::33060->3306/tcp   mysql
```

```
bash-4.4# mysql -u root -p
Enter password:
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)
bash-4.4# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 24
Server version: 8.0.32 MySQL Community Server - GPL

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owners.

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

mysql> ALTER USER 'root'@'localhost' IDENTIFIED BY 'user23';
```

```
mysql> ALTER USER 'root'@'localhost' IDENTIFIED BY 'user23';
Query OK, 0 rows affected (0.15 sec)
```

```
mysql> CREATE USER 'user2'@'localhost' IDENTIFIED BY 'max23';
Query OK, 0 rows affected (0.15 sec)
```

```
mysql> SHOW Databases;
+--------------------+
| Database           |
+--------------------+
| database1          |
| database2          |
| information_schema |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
6 rows in set (0.00 sec)
```

```
mysql> CREATE TABLE YANA(ID INT,SURNAME VARCHAR(50), NAME VARCHAR(50), PATRONYMIC VARCHAR(50), DATE VARCHAR(50));
Query OK, 0 rows affected (0.20 sec)

mysql> INSERT INTO YANA VALUES (1,'KOSTIUK', 'MAXIM', 'MYKHALOVYCH', '16.03.2005');
Query OK, 1 row affected (0.19 sec)

mysql> SELEST * FROM YANA;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version
 right syntax to use near 'SELEST * FROM YANA' at line 1
mysql> SELECT * FROM YANA;
+------+---------+-------+-------------+------------+
| ID   | SURNAME | NAME  | PATRONYMIC  | DATE       |
+------+---------+-------+-------------+------------+
|    1 | KOSTIUK | MAXIM | MYKHALOVYCH | 16.03.2005 |
+------+---------+-------+-------------+------------+
1 row in set (0.00 sec)
```

```
mysql> CREATE TABLE YANA(ID INT,SURNAME VARCHAR(50), NAME VARCHAR(50), PATRONYMIC VARCHAR(50), DATE VARCHAR(50));
Query OK, 0 rows affected (0.20 sec)

mysql> INSERT INTO YANA VALUES (1,'KOSTIUK', 'MAXIM', 'MYKHALOVYCH', '16.03.2005');
Query OK, 1 row affected (0.19 sec)

mysql> SELEST * FROM YANA;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server versio
 right syntax to use near 'SELEST * FROM YANA' at line 1
mysql> SELECT * FROM YANA;
+------+---------+-------+-------------+------------+
| ID   | SURNAME | NAME  | PATRONYMIC  | DATE       |
+------+---------+-------+-------------+------------+
|    1 | KOSTIUK | MAXIM | MYKHALOVYCH | 16.03.2005 |
+------+---------+-------+-------------+------------+
1 row in set (0.00 sec)
```

```
mysql> INSERT INTO YANA VALUES (1,'KOSTIUK', 'IRA', 'MYKHALIVNA', '06.01.2012');
Query OK, 1 row affected (0.14 sec)
```

```
mysql> INSERT INTO YANA VALUES (2,'KOSTIUK', 'IRA', 'MYKHALIVNA', '06.01.2012');
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM YANA;
+------+---------+------+-------------+------------+
| ID   | SURNAME | NAME | PATRONYMIC  | DATE       |
+------+---------+------+-------------+------------+
|    1 | KOSTIUK | MAX  | MYKHALOVYCH | 16.03.2005 |
|    1 | KOSTIUK | MAX  | MYKHALOVYCH | 06.01.2012 |
|    2 | KOSTIUK | IRA  | MYKHALIVNA  | 06.01.2012 |
+------+---------+------+-------------+------------+
3 rows in set (0.00 sec)
```

```
bash-4.4# mysqldump -u root -p database1 > backup.sql
Enter password:
bash-4.4# ls
backup.sql  boot  docker-entrypoint-initdb.d  etc              home  lib64  mnt    proc  run   srv  tmp  var
bin         dev   entrypoint.sh               healthcheck.sh  lib   media  opt    root  sbin  sys  usr
bash-4.4# i
```

```
bash-4.4# mysql -u root -p database2 < backup.sql
Enter password:
bash-4.4# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 44
Server version: 8.0.32 MySQL Community Server - GPL

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

mysql> USE database2;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SELECT * FROM YANA;
+------+---------+------+-------------+------------+
| ID   | SURNAME | NAME | PATRONYMIC  | DATE       |
+------+---------+------+-------------+------------+
|    1 | KOSTIUK | MAX  | MYKHALOVYCH | 16.03.2005 |
|    1 | KOSTIUK | MAX  | MYKHALOVYCH | 06.01.2012 |
|    2 | KOSTIUK | IRA  | MYKHALIVNA  | 06.01.2012 |
+------+---------+------+-------------+------------+
3 rows in set (0.00 sec)

mysql>
```

```
bash-4.4# mysqladmin -u root -p status
Enter password:
Uptime: 1382  Threads: 2  Questions: 160  Slow queries: 0  Opens: 191  Flush tables: 3  Open tables: 109  Queries per second avg
: 0.115
bash-4.4# i
```