

1. Установите СУБД MySQL.

MySQL Workbench

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Schema: test1

Object Info Session

Query 1 x

Limit to 1000 rows

```
1 • CREATE DATABASE test1;
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	16.08.19	CREATE DATABASE test 1	1 row(s) affected	0.000 sec

Голосовой помощник Алиса

19:03 01.11.2020

2. Создайте базу данных example, разместите в ней таблицу users, состоящую из двух столбцов, числового id и строкового name.

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Administration Schemas

Information

Schema: example

Object Info Session

Query 1 x

Limit to 1000 rows

```
1 • CREATE DATABASE example;
2 • USE example;
3 • CREATE TABLE users(
4     id int,
5     name varchar(100)
6 );
7
8 • INSERT INTO users VALUES (1, 'Anton Kulikov');
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
6	19:16:05	INSERT INTO users VALUES (1, 'Anton Kulikov')	Error Code: 1146. Table 'example.users' doesn't exist	0.016 sec
7	19:16:29	INSERT INTO users VALUES (1, 'Anton Kulikov')	Error Code: 1146. Table 'example.users' doesn't exist	0.000 sec
8	19:17:18	USE example	0 row(s) affected	0.000 sec
9	19:17:25	INSERT INTO users VALUES (1, 'Anton Kulikov')	Error Code: 1146. Table 'example.users' doesn't exist	0.000 sec
10	19:17:50	CREATE TABLE users(id int, name varchar(100))	0 row(s) affected	0.063 sec
11	19:17:57	INSERT INTO users VALUES (1, 'Anton Kulikov')	1 row(s) affected	0.000 sec

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19:19
01.11.2020

3. Создайте дампы базы данных example из предыдущего задания, разверните содержимое дампа в новую базу данных sample.

```
ca C:\WINDOWS\system32\cmd.exe - mysql -u root -p
Microsoft Windows [Version 10.0.19041.572]
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C:\Users\Admin>cd C:\Program Files\MySQL\MySQL Server 8.0\bin

C:\Program Files\MySQL\MySQL Server 8.0\bin>mysqldump -u root -p example > D:\GeekBrains\example_dump.sql
Enter password: *****

C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -u root -p
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 27
Server version: 8.0.22 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 database
-> ;
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 'database' at line 1
mysql> show databases;
+-----+
| Database |
+-----+
| example  |
| information_schema |
| mysql    |
| performance_schema |
| sakila   |
| sample   |
| sys      |
| test1    |
| world    |
+-----+
9 rows in set (0.01 sec)

mysql> use sample
Database changed
mysql> source D:\GeekBrains\example_dump.sql
Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

ca Выбрать C:\WINDOWS\system32\cmd.exe - mysql -u root -p
Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected, 1 warning (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

mysql> show tables
-> ;
+-----+
| Tables_in_sample |
+-----+
| users            |
+-----+
1 row in set (0.00 sec)

mysql>
mysql>
```

4. (по желанию) Ознакомьтесь более подробно с документацией утилиты mysqldump. Создайте дамп единственной таблицы help_keyword базы данных mysql. Причем добейтесь того, чтобы дамп содержал только первые 100 строк таблицы.

```
C:\Program Files\MySQL\MySQL Server 8.0\bin>mysqlpump -u root -p mysql help_keyword '--where="true limit 100"' > D:\GeekBrains\mysql_dump_help_keyword100.sql
Enter password: *****
Dump progress: 0/1 tables, 250/895 rows
Dump completed in 202

C:\Program Files\MySQL\MySQL Server 8.0\bin>
```