

1 задание. Настройка .my.cnf

```
polina@polina-VirtualBox:~$ cat .my.cnf
[mysql]
user=polina
password=123
polina@polina-VirtualBox:~$ mysql
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 27
Server version: 8.0.25-0ubuntu0.20.04.1 (Ubuntu)

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owners.

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

mysql>
```

2 Задание. Создание базы и таблицы

```
polina@polina-VirtualBox:~$
mysql> use example
Database changed
mysql> show tables;
Empty set (0,00 sec)

mysql> create table users
-> ;
ERROR 4028 (HY000): A table must have at least one visible column.
mysql> CREATE TABLE users (id INT, name VARCHAR);
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 ')' at line 1
mysql> CREATE TABLE users (id INT, name CHAR(30));
Query OK, 0 rows affected (0,38 sec)

mysql> DESCRIBE users;
+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| id    | int    | YES  |     | NULL    |       |
| name  | char(30)| YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+
2 rows in set (0,43 sec)

mysql>
```

3 Задание. Дамп базы данных и раскатка его

```
polina@polina-VirtualBox: ~
polina@polina-VirtualBox:~$ mysqldump -upolina -p123 example > testdump.sql
mysqldump: [Warning] Using a password on the command line interface can be insecure.
polina@polina-VirtualBox:~$ mysql
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 16
Server version: 8.0.25-0ubuntu0.20.04.1 (Ubuntu)

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owners.

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

mysql> CREATE DATABASE sample;
Query OK, 1 row affected (0,44 sec)

mysql> use sample;
Database changed
mysql> source testdump.sql
Query OK, 0 rows affected (0,00 sec)

Query OK, 0 rows affected (0,00 sec)
```

```
polina@polina-VirtualBox: ~
mysql> show tables;
+-----+
| Tables_in_sample |
+-----+
| users           |
+-----+
1 row in set (0,00 sec)

mysql> describe table users;
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 'describe table users' at line 1
mysql> describe table users;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| id | select_type | table | partitions | type | possible_keys | key | key_len | ref | rows | filtered | Extra |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 1 | SIMPLE      | users | NULL       | ALL    | NULL          | NULL | NULL    | NULL | 1    | 100.00   | NULL |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set, 1 warning (0,38 sec)

mysql> describe users;
+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| id    | int    | YES  |     | NULL    |        |
| name  | char(30)| YES  |     | NULL    |        |
+-----+-----+-----+-----+-----+
2 rows in set (0,00 sec)

mysql>
```

5. Дамп одной таблицы, ограничение по 100 строк

```
polina@polina-VirtualBox: ~
polina@polina-VirtualBox:~$ mysqldump -upolina -p123 --where="1 limit 100" mysql help_keyword > testdump2.sql
mysqldump: [Warning] Using a password on the command line interface can be insecure.
polina@polina-VirtualBox:~$ cat testdump2.sql | less
polina@polina-VirtualBox:~$
```