

1 задание. Настройка .my.cnf

```
polina@polina-VirtualBox: ~  
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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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>
```

2 Задание. Создание базы и таблицы

```
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)  
  
Query OK, 0 rows affected (0,00 sec)  
  
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> decribe 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 'decribe 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:~$
```