

- Установите СУБД MySQL.

```
ubuntu@ip-172-31-9-222:~$ sudo mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 7
Server version: 5.7.27-0ubuntu0.18.04.1 (Ubuntu)

Copyright (c) 2000, 2019, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its
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>
```

Создайте в домашней директории файл `.my.cnf`, задав в нем логин и пароль, который указывался при установке.

```
ubuntu@ip-172-31-9-222:~$ nano .my.cnf
```

```
GNU nano 2.9.3 .my.cnf
[mysql]
user=root
password=
```

```
ubuntu@ip-172-31-9-222:~$ ls -la
total 920
drwxr-xr-x 12 ubuntu developer 4096 Jul 29 10:41 .
drwxr-xr-x  8 root   root      4096 Jul 23 05:50 ..
-rw-r--r--  1 ubuntu ubuntu    61 Jul  9 06:07 .Xauthority
-rw-r--r--  1 ubuntu ubuntu  8621 Jul 29 10:44 .bash_history
-rw-r--r--  1 ubuntu ubuntu   220 Apr  4 2018 .bash_logout
-rw-r--r--  1 ubuntu ubuntu  3771 Apr  4 2018 .bashrc
drwx----- 6 ubuntu ubuntu   4096 Jul 15 07:11 .cache
drwx----- 5 ubuntu ubuntu   4096 Jul 22 20:14 .config
drwx----- 3 ubuntu ubuntu   4096 Jul  8 19:39 .dbus
drwx----- 3 ubuntu ubuntu   4096 Jul  1 04:10 .gnupg
-rw-r--r--  1 ubuntu ubuntu    28 Jul 22 12:01 .lesshst
drwx----- 5 ubuntu ubuntu   4096 Jul 15 07:11 .local
-rwxr-xr-x  5 ubuntu ubuntu   4096 Jul 29 10:44 .mysql
-rw-rw-r--  1 ubuntu ubuntu    28 Jul 29 10:44 .my.cnf
-rw-r--r--  1 root   root      422 Jul 29 10:37 .mysql_history
-rw-r--r--  1 ubuntu ubuntu   807 Apr  4 2018 .profile
-rw-rw-r--  1 ubuntu ubuntu    66 Jul 18 11:39 .selected_editor
drwx----- 2 ubuntu ubuntu   4096 Jul  1 03:57 .ssh
-rw-r--r--  1 ubuntu ubuntu    0 Jul  8 10:09 .sudo_as_admin_successful
-rw-r--r--  1 ubuntu ubuntu  9570 Jul 23 02:19 .viminfo
-rw-rw-rw-  1 ubuntu ubuntu    24 Jul 15 06:45 1.py
-rw-rw-r--  1 ubuntu ubuntu    0 Jul 18 20:17 1.txt
```

```
ubuntu@ip-172-31-9-222:~$ sudo mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 14
Server version: 5.7.27-0ubuntu0.18.04.1 (Ubuntu)

Copyright (c) 2000, 2019, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its
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>
```

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

```
ubuntu@ip-172-31-9-222:~$ mysql
mysql> CREATE DATABASE example;
Query OK, 1 row affected (0.00 sec)

mysql>
```

```
mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| example      |
| mysql        |
| performance_schema |
| sys          |
+-----+
5 rows in set (0.01 sec)

mysql> SHOW VARIABLES LIKE 'datadir';
+-----+
| Variable name | Value |
+-----+
| datadir       | /var/lib/mysql/ |
+-----+
1 row in set (0.01 sec)
```

```
mysql> Use example
Database changed
mysql> SHOW TABLES;
Empty set (0.00 sec)

mysql>
```

```
mysql> CREATE TABLE users (id INT, name varchar(100));
Query OK, 0 rows affected (0.01 sec)
```

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

```
ubuntu@ip-172-31-9-222:~$ sudo mysqldump example > sample.sql
ubuntu@ip-172-31-9-222:~$
```

```
mysql> CREATE DATABASE sample;
Query OK, 1 row affected (0.00 sec)
```

```
ubuntu@ip-172-31-9-222:~$ sudo mysql sample < sample.sql
```