

```

drwx----- 3 master master 4096 Dec 12 15:25 .local/
-rw-rw-r-- 1 master master  32 Dec 16 07:43 .my.cnf
-rw----- 1 master master  18 Dec 12 17:09 .mysql_history
-rw-r--r-- 1 master master 807 Feb 25  2020 .profile
drwx----- 2 master master 4096 Dec 12 15:27 .ssh/
-rw-r--r-- 1 master master   0 Dec 11 08:04 .sudo_as_admin_successful
master@ubuntu20db:~$ cat .my.cnf
[mysql]
user=root
password=1qaz
master@ubuntu20db:~$ mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 8.0.22-0ubuntu0.20.04.3 (Ubuntu)

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owners.

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

mysql> exit
Bye
master@ubuntu20db:~$ chmod 0600 ~/.my.cnf
master@ubuntu20db:~$ ll
total 48
drwxr-xr-x 6 master master 4096 Dec 16 07:46 ./
drwxr-xr-x 3 root   root   4096 Dec 11 08:01 ../
-rw----- 1 master master  365 Dec 14 11:50 .bash_history
-rw-r--r-- 1 master master  220 Feb 25  2020 .bash_logout
-rw-r--r-- 1 master master 3771 Feb 25  2020 .bashrc
drwx----- 3 master master 4096 Dec 12 15:25 .cache/
drwx----- 3 master master 4096 Dec 12 15:25 .config/
drwx----- 3 master master 4096 Dec 12 15:25 .local/
-rw----- 1 master master  32 Dec 16 07:43 .my.cnf
-rw----- 1 master master  18 Dec 16 07:46 .mysql_history
-rw-r--r-- 1 master master 807 Feb 25  2020 .profile
drwx----- 2 master master 4096 Dec 12 15:27 .ssh/
-rw-r--r-- 1 master master   0 Dec 11 08:04 .sudo_as_admin_successful
master@ubuntu20db:~$

```

В домашней папке /home/master создан файл .my.cnf с указанием пользователя и пароля. Изменены права доступа к файлу.

```

master@ubuntu20db:~$ mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 13
Server version: 8.0.22-0ubuntu0.20.04.3 (Ubuntu)

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

mysql> create database example
-> ;
Query OK, 1 row affected (0.01 sec)

mysql> show databases
-> ;
+-----+
| Database |
+-----+
| example |
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.00 sec)

mysql>

```

Создали БД example и проверили наличие

```

mysql> CREATE TABLE `example`.`users` (
->   `id` INT NOT NULL AUTO_INCREMENT,
->   `name` VARCHAR(45) NOT NULL,
->   PRIMARY KEY (`id`));
Query OK, 0 rows affected (0.03 sec)

mysql>

```

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

```

master@ubuntu20db:~$ nano .my.cnf
master@ubuntu20db:~$ mysqldump example > example.sql
master@ubuntu20db:~$ ll
total 52
drwxr-xr-x 6 master master 4096 Dec 16 09:25 ./
drwxr-xr-x 3 root root 4096 Dec 11 08:01 ../
-rw-r--r-- 1 master master 365 Dec 14 11:50 .bash_history
-rw-r--r-- 1 master master 220 Feb 25 2020 .bash_logout
-rw-r--r-- 1 master master 3771 Feb 25 2020 .bashrc
drwxr-xr-x 3 master master 4096 Dec 12 15:25 .cache/
drwxr-xr-x 3 master master 4096 Dec 12 15:25 .config/
drwxr-xr-x 3 master master 4096 Dec 12 15:25 .local/
-rw-r--r-- 1 master master 33 Dec 16 09:25 .my.cnf
-rw-r--r-- 1 master master 1846 Dec 16 09:23 .mysql_history
-rw-r--r-- 1 master master 807 Feb 25 2020 .profile
drwxr-xr-x 2 master master 4096 Dec 12 15:27 .ssh/
-rw-r--r-- 1 master master 0 Dec 11 08:04 .sudo_as_admin_successful
-rw-rw-r-- 1 master master 1865 Dec 16 09:25 example.sql
master@ubuntu20db:~$

```

Создайте дамп базы данных example из предыдущего задания, предварительно отредактировав .my.cnf, поменяли [mysql] на [client]. Файл дампа example.sql

```

mysql> CREATE DATABASE sample;
Query OK, 1 row affected (0.04 sec)

mysql> exit
Bye
master@ubuntu20db:~$ mysql sample < example.sql
master@ubuntu20db:~$ mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 20
Server version: 8.0.22-0ubuntu0.20.04.3 (Ubuntu)

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owners.

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

mysql> show databases
-> ;
+-----+
| Database |
+-----+
| example |
| information_schema |
| mysql |
| performance_schema |
| sample |
| sys |
+-----+
6 rows in set (0.00 sec)

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

mysql>

```

Создали пустую БД sample. Импортировали в нее дамп БД из файла example.sql. Проверили наличие таблицы users в БД sample.

```

master@ubuntu20db:~$ mysqldump --where="true limit 100" mysql help_keyword > mysql_
help_keyword100.sql
master@ubuntu20db:~$ ll
total 60
drwxr-xr-x 6 master master 4096 Dec 16 10:45 ./
drwxr-xr-x 3 root root 4096 Dec 11 08:01 ../
-rw----- 1 master master 365 Dec 14 11:50 .bash_history
-rw-r--r-- 1 master master 220 Feb 25 2020 .bash_logout
-rw-r--r-- 1 master master 3771 Feb 25 2020 .bashrc
drwx----- 3 master master 4096 Dec 12 15:25 .cache/
drwx----- 3 master master 4096 Dec 12 15:25 .config/
drwx----- 3 master master 4096 Dec 12 15:25 .local/
-rw----- 1 master master 33 Dec 16 09:25 .my.cnf
-rw----- 1 master master 1969 Dec 16 10:39 .mysql_history
-rw-r--r-- 1 master master 807 Feb 25 2020 .profile
drwx----- 2 master master 4096 Dec 12 15:27 .ssh/
-rw-r--r-- 1 master master 0 Dec 11 08:04 .sudo_as_admin_successful
-rw-rw-r-- 1 master master 1865 Dec 16 09:25 example.sql
-rw-rw-r-- 1 master master 1865 Dec 16 10:40 example_users.sql
-rw-rw-r-- 1 master master 3610 Dec 16 10:45 mysql_help_keyword100.sql
master@ubuntu20db:~$ cat mysql_help_keyword100.sql
-- MySQL dump 10.13 Distrib 8.0.22, for Linux (x86_64)
--
-- Host: localhost Database: mysql
--
-- Server version 8.0.22-0ubuntu0.20.04.3

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!50503 SET NAMES utf8mb4 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--
-- Table structure for table `help_keyword`
--
DROP TABLE IF EXISTS `help_keyword`;
/*!40101 SET @saved_cs_client = @@character_set_client */;

```

(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.