

Task 1

ubuntu11 [Работает] - Oracle VM VirtualBox

Файл Машина Вид Ввод Устройства Справка

Обзор Терминал ▾



```
kezia@ubuntu11:~$ ls
2010 2015 lib.txt test.txt Изображения
2011 2016 list.txt touch Музыка
2012 2017 script.txt Видео Общедоступные
2013 errors.txt script.txt.save Документы 'Рабочий стол'
2014 file test_echo.txt Загрузки Шаблоны

kezia@ubuntu11:~$ cd /etc/mysql
kezia@ubuntu11:/etc/mysql$ ls -la
итого 40
drwxr-xr-x 4 root root 4096 nov 3 20:53 .
drwxr-xr-x 130 root root 12288 nov 5 19:36 ..
drwxr-xr-x 2 root root 4096 juuli 31 19:30 conf.d
-rw----- 1 root root 317 nov 3 20:53 debian.cnf
-rwxr-xr-x 1 root root 120 okt 22 16:19 debian-start
lrwxrwxrwx 1 root root 24 okt 3 16:50 my.cnf -> /etc/alternatives/my.cnf
-rw-r--r-- 1 root root 839 aug 3 2016 my.cnf.fallback
-rw-r--r-- 1 root root 719 nov 8 11:37 mysql.cnf
drwxr-xr-x 2 root root 4096 nov 3 20:53 mysql.conf.d

kezia@ubuntu11:/etc/mysql$ cat my.cnf
[mysql]
user=root
password=my8sql

#
# The MySQL database server configuration file.
#
# You can copy this to one of:
# - "/etc/mysql/my.cnf" to set global options,
# - "~/.my.cnf" to set user-specific options.
#
# One can use all long options that the program supports.
# Run program with --help to get a list of available options and with
# --print-defaults to see which it would actually understand and use.
#
# For explanations see
# http://dev.mysql.com/doc/mysql/en/server-system-variables.html

#
# * IMPORTANT: Additional settings that can override those from this file!
# The files must end with '.cnf', otherwise they'll be ignored.
#

!includedir /etc/mysql/conf.d/
!includedir /etc/mysql/mysql.conf.d/

kezia@ubuntu11:/etc/mysql$
```

Task 2

ubuntu11 [Работает] - Oracle VM VirtualBox

Файл Машина Вид Ввод Устройства Справка

Обзор Терминал



```
kezia@ubuntu11:/etc/mysql$ cd ~
```



```
kezia@ubuntu11:~$ mysql
```

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 14

Server version: 8.0.22-0ubuntu0.20.04.2 (Ubuntu)



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



```
mysql> show databases;
```

Database
information_schema
mysql
performance_schema
sys

4 rows in set (0.18 sec)

```
mysql> create database example
```

```
-> ;
```

Query OK, 1 row affected (1.15 sec)

```
mysql> show databases;
```

Database
example
information_schema
mysql
performance_schema
sys

5 rows in set (0.00 sec)

```
mysql> use example;
```

Database changed

```
mysql> create table users (id int not null, name varchar(30) not null);
```

Query OK, 0 rows affected (1.72 sec)

```
mysql> show tables
```

```
-> ;
```

Tables_in_example
users

1 row in set (0.00 sec)

```
mysql> select * from users;
```

Empty set (0.06 sec)

Task 3

ubuntu11 [Работает] - Oracle VM VirtualBox

Файл Машина Вид Ввод Устройства Справка

Обзор Терминал



```
kezia@ubuntu11:~$ mysqldump -u root -p example > example_dump.sql
```

Enter password:

```
kezia@ubuntu11:~$ ls
```

2010	2016	list.txt	Видео	'Рабочий стол'
2011	2017	script.txt	Документы	Шаблоны
2012	errors.txt	script.txt.save	Загрузки	
2013	example_dump.sql	test_echo.txt	Изображения	
2014	file	test.txt	Музыка	
2015	lib.txt	touch	Общедоступные	

```
kezia@ubuntu11:~$ cat example_dump.sql
```

```
-- MySQL dump 10.13  Distrib 8.0.22, for Linux (x86_64)
```

```
--
```

```
-- Host: localhost    Database: example
```

```
-----
```

```
-- Server version      8.0.22-0ubuntu0.20.04.2
```

```
/*!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 `users`
```

```
--
```

```
DROP TABLE IF EXISTS `users`;
```

```
/*!40101 SET @saved_cs_client      = @@character_set_client */;
```

```
/*!50503 SET character_set_client = utf8mb4 */;
```


```
CREATE TABLE `users` (
```

```
  `id` int NOT NULL,
```

```
  `name` varchar(30) NOT NULL
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```
/*!40101 SET character_set_client = @saved_cs_client */;
```


Обзор  Терминал ▾

```
kezia@ubuntu11:~$ mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 26
Server version: 8.0.22-0ubuntu0.20.04.2 (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 (0.61 sec)

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

mysql> exit;
Bye
kezia@ubuntu11:~$ mysql -u root -p sample < example_dump.sql
Enter password:
kezia@ubuntu11:~$ mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 28
Server version: 8.0.22-0ubuntu0.20.04.2 (Ubuntu)

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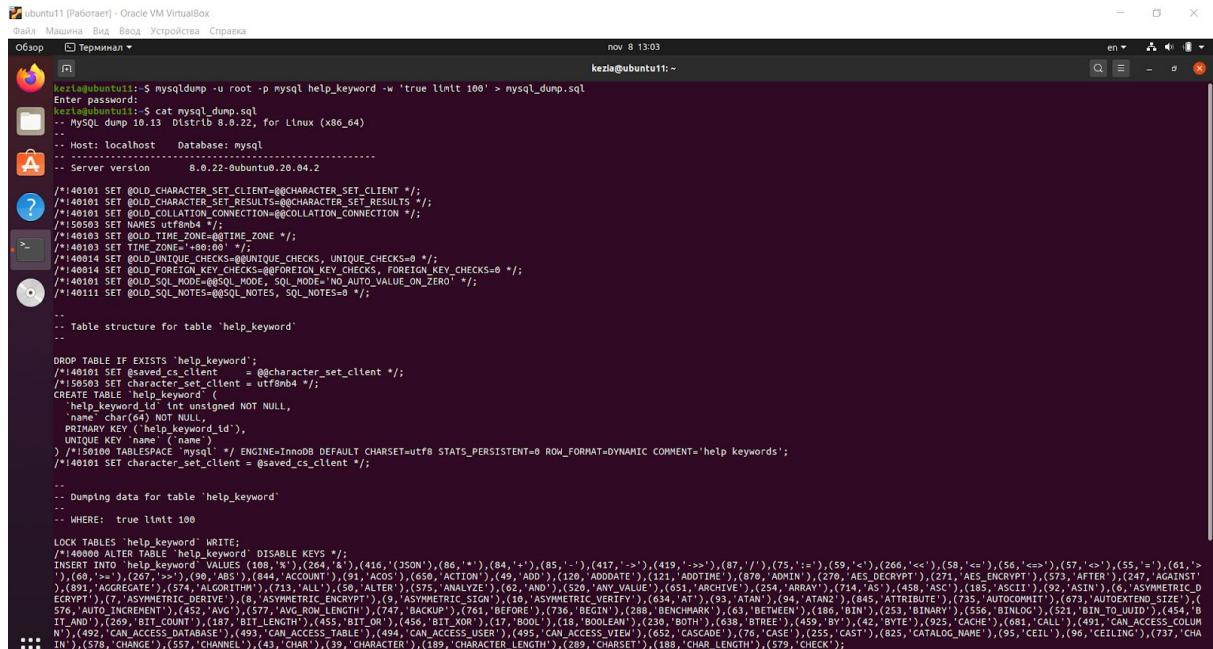
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

```
mysql> show databases;
+-----+
| Database |
+-----+
| example |
| information_schema |
| mysql |
| performance_schema |
| sample |
| sys |
+-----+
6 rows in set (0.01 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)
```

Task4



```
kezia@ubuntu11:~$ mysql -u root -p mysql help_keyword -w 'true limit 100' > mysql_dump.sql
Enter password:
-- MySQL dump 10.13.13 Distro: 8.0.22, for Linux (x86_64)
--
-- Host: localhost    Database: mysql
--
-- Server version: 8.0.22-0ubuntu.20.04.2
--
/*140101 SET @OLD_CHARACTER_SET_CLIENT=@CHARACTER_SET_CLIENT */;
/*140101 SET @OLD_CHARACTER_SET_RESULTS=@CHARACTER_SET_RESULTS */;
/*140101 SET @OLD_COLLATION_CONNECTION=@COLLATION_CONNECTION */;
/*150503 SET NAMES utf8mb4 */;
/*140103 SET @OLD_TIME_ZONE=@TIME_ZONE */;
/*140103 SET TIME_ZONE='+00:00' */;
/*140014 SET @OLD_UNIQUE_CHECKS=@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*140014 SET @OLD_FOREIGN_KEY_CHECKS=@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*140101 SET @OLD_SQL_MODE=@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*140111 SET @OLD_SQL_NOTES=@SQL_NOTES, SQL_NOTES=0 */;
--
-- Table structure for table 'help_keyword'
--
DROP TABLE IF EXISTS 'help_keyword';
/*140101 SET @saved_cs_client = @@character_set_client */;
/*150503 SET character_set_client = utf8mb4 */;
CREATE TABLE 'help_keyword' (
  'help_keyword_id' int unsigned NOT NULL,
  'name' char(64) NOT NULL,
  PRIMARY KEY ('help_keyword_id'),
  UNIQUE KEY 'name' ('name')
) /*150100 TABLESPACE 'mysql' */ ENGINE=InnoDB DEFAULT CHARSET=utf8 STATS_PERSISTENT=0 ROW_FORMAT=DYNAMIC COMMENT='help keywords';
/*140101 SET character_set_client = @saved_cs_client */;
--
-- Dumping data for table 'help_keyword'
--
--
-- WHERE: true limit 100
LOCK TABLES 'help_keyword' WRITE;
/*140000 ALTER TABLE 'help_keyword' DISABLE KEYS */;
INSERT INTO 'help_keyword' VALUES (888,'x'),(264,'&'),(416,'(JSON)'),(86,'*'),(84,'+'),(85,'-'),(417,'->'),(419,'-->'),(87,'/'),(75,':='),(59,'<'),(266,'<='), (58,'<='), (56,'<=>'), (57,'<='), (55,'<='), (61,'>'), (60,'>='), (267,'>'), (90,'ABS'), (844,'ACCOUNT'), (91,'ACOS'), (650,'ACTION'), (49,'ADD'), (120,'ADDDATE'), (121,'ADDTIME'), (870,'ADMIN'), (270,'AES_DECRYPT'), (271,'AES_ENCRYPT'), (573,'AFTER'), (247,'AGAINST'), (891,'AGGREGATE'), (574,'ALGORITHM'), (713,'ALL'), (50,'ALTER'), (575,'ANALYZE'), (62,'AND'), (520,'ANY_VALUE'), (651,'ARCHIVE'), (254,'ARRAY'), (714,'AS'), (458,'ASC'), (185,'ASCII'), (92,'ASIN'), (6,'ASYMMETRIC_DECRYPT'), (7,'ASYMMETRIC_DERIVE'), (8,'ASYMMETRIC_ENCRYPT'), (9,'ASYMMETRIC_SIGN'), (10,'ASYMMETRIC_VERIFY'), (634,'AT'), (93,'ATAN'), (94,'ATAN2'), (645,'ATTRIBUTE'), (735,'AUTOCOMMIT'), (673,'AUTOTEXTEND_SIZE'), (576,'AUTO_INCREMENT'), (452,'AVG'), (577,'AVG_ROW_LENGTH'), (747,'BACKUP'), (761,'BEFORE'), (736,'BEGIN'), (280,'BENCHMARK'), (63,'BETWEEN'), (186,'BIN'), (253,'BINARY'), (556,'BINLOG'), (521,'BIN_TO_UUID'), (454,'BIT_AND'), (269,'BIT_COUNT'), (187,'BIT_LENGTH'), (455,'BIT_OR'), (456,'BIT_XOR'), (17,'BOOL'), (18,'BOOLEAN'), (230,'BOTH'), (638,'BTREE'), (459,'BY'), (42,'BYTE'), (925,'CACHE'), (681,'CALL'), (491,'CAN_ACCESS_COLUMN'), (492,'CAN_ACCESS_DATABASE'), (493,'CAN_ACCESS_TABLE'), (494,'CAN_ACCESS_USER'), (495,'CAN_ACCESS_VIEW'), (652,'CASCADE'), (76,'CASE'), (255,'CAST'), (825,'CATALOG_NAME'), (95,'CEIL'), (96,'CEILING'), (737,'CHANGE'), (578,'CHANGE'), (577,'CHANNEL'), (43,'CHAR'), (30,'CHARACTER'), (189,'CHARACTER_LENGTH'), (289,'CHARSET'), (188,'CHAR_LENGTH'), (579,'CHECK');
```