1. Установите СУБД MySQL. Создайте в домашней директории файл .my.cnf, задав в нем логин и пароль, который указывался при установке.

dsk@dsk-db:~$ ls -la

total 52

drwxr-xr-x 6 dsk dsk 4096 Jan 20 11:51 .

drwxr-xr-x 3 root root 4096 Jan 13 07:31 ..

-rw------- 1 dsk dsk 609 Jan 20 03:41 .bash\_history

-rw-r--r-- 1 dsk dsk 220 Apr 4 2018 .bash\_logout

-rw-r--r-- 1 dsk dsk 3771 Apr 4 2018 .bashrc

drwx------ 3 dsk dsk 4096 Jan 14 04:20 .cache

drwx------ 3 dsk dsk 4096 Jan 14 04:20 .config

-rw-rw-r-- 1 dsk dsk 1942 Jan 20 11:40 exampledb.sql

drwx------ 3 dsk dsk 4096 Jan 13 07:37 .gnupg

drwx------ 3 dsk dsk 4096 Jan 14 04:20 .local

-rw-rw-r-- 1 dsk dsk 39 Jan 20 11:50 .my.cnf

-rw------- 1 dsk dsk 18 Jan 20 11:51 .mysql\_history

-rw-r--r-- 1 dsk dsk 807 Apr 4 2018 .profile

-rw-r--r-- 1 dsk dsk 0 Jan 14 03:20 .sudo\_as\_admin\_successful

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

CREATE DATABASE IF NOT EXISTS exampledb;  
USE exampledb;  
  
CREATE TABLE IF NOT EXISTS users (  
 id INT AUTO\_INCREMENT NOT NULL PRIMARY KEY,  
 name VARCHAR(100) UNIQUE  
)

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

dsk@dsk-db:~$ mysqldump exampledb > exampledb.sql

Enter password:

dsk@dsk-db:~$ ls -l

total 4

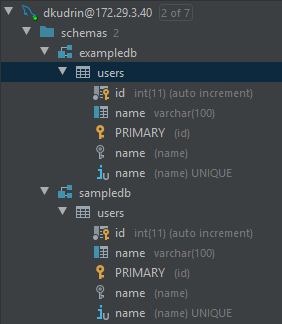
-rw-rw-r-- 1 dsk dsk 1942 Jan 20 11:40 exampledb.sql

dsk@dsk-db:~$ mysql sampledb < exampledb.sql

Enter password:

dsk@dsk-db:~$

-- MySQL dump 10.13 Distrib 5.7.28, for Linux (x86\_64)  
--  
-- Host: localhost Database: exampledb  
-- ------------------------------------------------------  
-- Server version 5.7.28-0ubuntu0.18.04.4  
  
/\*!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 \*/;  
/\*!40101 SET NAMES utf8 \*/;  
/\*!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 \*/;  
/\*!40101 SET character\_set\_client = utf8 \*/;  
CREATE TABLE `users` (  
 `id` int(11) NOT NULL AUTO\_INCREMENT,  
 `name` varchar(100) DEFAULT NULL,  
 PRIMARY KEY (`id`),  
 UNIQUE KEY `name` (`name`)  
) ENGINE=InnoDB AUTO\_INCREMENT=3 DEFAULT CHARSET=latin1;  
/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;  
  
--  
-- Dumping data for table `users`  
--  
  
LOCK TABLES `users` WRITE;  
/\*!40000 ALTER TABLE `users` DISABLE KEYS \*/;  
INSERT INTO `users` VALUES (1,'first'),(3,'second');  
/\*!40000 ALTER TABLE `users` ENABLE KEYS \*/;  
UNLOCK TABLES;  
/\*!40103 SET TIME\_ZONE=@OLD\_TIME\_ZONE \*/;  
  
/\*!40101 SET SQL\_MODE=@OLD\_SQL\_MODE \*/;  
/\*!40014 SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS \*/;  
/\*!40014 SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS \*/;  
/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;  
/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;  
/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;  
/\*!40111 SET SQL\_NOTES=@OLD\_SQL\_NOTES \*/;  
  
-- Dump completed on 2020-01-20 11:40:13



1. (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.

dsk@dsk-db:~$ mysqldump --where="true limit 100" mysql help\_keyword > homework2-100rows\_help\_keyword.s

-- MySQL dump 10.13 Distrib 5.7.28, for Linux (x86\_64)  
--  
-- Host: localhost Database: mysql  
-- ------------------------------------------------------  
-- Server version 5.7.28-0ubuntu0.18.04.4  
  
/\*!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 \*/;  
/\*!40101 SET NAMES utf8 \*/;  
/\*!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 \*/;  
/\*!40101 SET character\_set\_client = utf8 \*/;  
CREATE TABLE `help\_keyword` (  
 `help\_keyword\_id` int(10) unsigned NOT NULL,  
 `name` char(64) NOT NULL,  
 PRIMARY KEY (`help\_keyword\_id`),  
 UNIQUE KEY `name` (`name`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8 STATS\_PERSISTENT=0 COMMENT='help keywords';  
/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;  
  
--  
-- Dumping data for table `help\_keyword`  
--  
-- WHERE: true limit 100  
  
LOCK TABLES `help\_keyword` WRITE;  
/\*!40000 ALTER TABLE `help\_keyword` DISABLE KEYS \*/;  
INSERT INTO `help\_keyword` VALUES (282,'(JSON'),(283,'->'),(285,'->>'),(52,'<>'),(620,'ACCOUNT'),(415,'ACTION'),(46,'ADD'),(108,'AES\_DECRYPT'),(109,'AES\_ENCRYPT'),(347,'AFTER'),(97,'AGAINST'),(652,'AGGREGATE'),(348,'ALGORITHM'),(482,'ALL'),(47,'ALTER'),(6,'ANALYSE'),(349,'ANALYZE'),(53,'AND'),(319,'ANY\_VALUE'),(416,'ARCHIVE'),(216,'AREA'),(483,'AS'),(181,'ASBINARY'),(310,'ASC'),(183,'ASTEXT'),(182,'ASWKB'),(184,'ASWKT'),(404,'AT'),(508,'AUTOCOMMIT'),(440,'AUTOEXTEND\_SIZE'),(350,'AUTO\_INCREMENT'),(351,'AVG\_ROW\_LENGTH'),(536,'BEFORE'),(509,'BEGIN'),(54,'BETWEEN'),(74,'BIGINT'),(104,'BINARY'),(677,'BINLOG'),(14,'BOOL'),(15,'BOOLEAN'),(68,'BOTH'),(408,'BTREE'),(231,'BUFFER'),(311,'BY'),(39,'BYTE'),(8,'CACHE'),(448,'CALL'),(417,'CASCADE'),(59,'CASE'),(600,'CATALOG\_NAME'),(77,'CEIL'),(78,'CEILING'),(217,'CENTROID'),(510,'CHAIN'),(352,'CHANGE'),(541,'CHANNEL'),(40,'CHAR'),(36,'CHARACTER'),(660,'CHARSET'),(353,'CHECK'),(354,'CHECKSUM'),(621,'CIPHER'),(601,'CLASS\_ORIGIN'),(633,'CLIENT'),(454,'CLOSE'),(355,'COALESCE'),(680,'CODE'),(320,'COLLATE'),(662,'COLLATION'),(356,'COLUMN'),(357,'COLUMNS'),(602,'COLUMN\_NAME'),(328,'COMMENT'),(511,'COMMIT'),(525,'COMMITTED'),(418,'COMPACT'),(329,'COMPLETION'),(419,'COMPRESSED'),(358,'COMPRESSION'),(468,'CONCURRENT'),(596,'CONDITION'),(359,'CONNECTION'),(512,'CONSISTENT'),(360,'CONSTRAINT'),(603,'CONSTRAINT\_CATALOG'),(604,'CONSTRAINT\_NAME'),(605,'CONSTRAINT\_SCHEMA'),(259,'CONTAINS'),(597,'CONTINUE'),(103,'CONVERT'),(232,'CONVEXHULL'),(309,'COUNT'),(48,'CREATE'),(307,'CREATE\_DH\_PARAMETERS'),(501,'CROSS'),(240,'CROSSES'),(420,'CSV'),(330,'CURRENT\_USER'),(594,'CURSOR'),(606,'CURSOR\_NAME');  
/\*!40000 ALTER TABLE `help\_keyword` ENABLE KEYS \*/;  
UNLOCK TABLES;  
/\*!40103 SET TIME\_ZONE=@OLD\_TIME\_ZONE \*/;  
  
/\*!40101 SET SQL\_MODE=@OLD\_SQL\_MODE \*/;  
/\*!40014 SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS \*/;  
/\*!40014 SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS \*/;  
/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;  
/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;  
/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;  
/\*!40111 SET SQL\_NOTES=@OLD\_SQL\_NOTES \*/;  
  
-- Dump completed on 2020-01-20 12:09:19