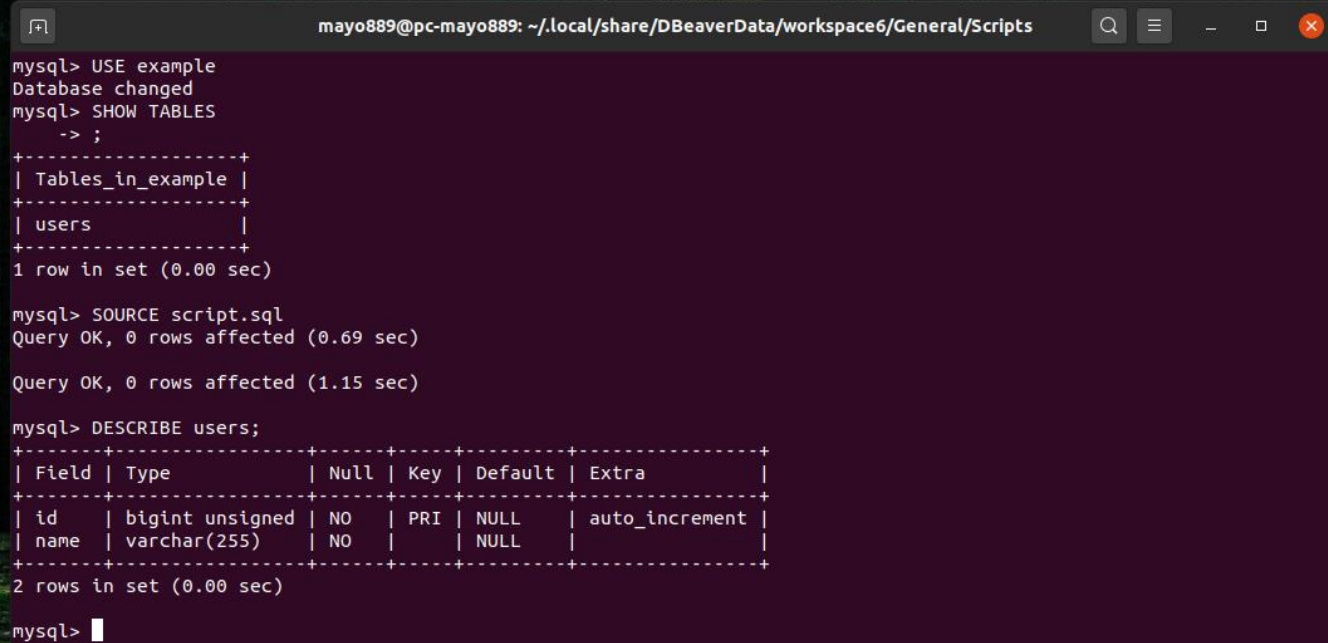# Задание 1


```
mysql> SYSTEM ls -la
итого 16
drwxrwxr-x 2 mayo889 mayo889 4096 ноя  9 21:34 .
drwxrwxr-x 4 mayo889 mayo889 4096 ноя  5 16:47 ..
-rw-rw-r-- 1 mayo889 mayo889   36 ноя  9 21:33 .my.cnf
-rw-rw-r-- 1 mayo889 mayo889   20 ноя  9 21:31 script.sql
mysql> SYSTEM ls -la
итого 16
drwxrwxr-x 2 mayo889 mayo889 4096 ноя  9 21:35 .
drwxrwxr-x 4 mayo889 mayo889 4096 ноя  5 16:47 ..
-rw-rw-r-- 1 mayo889 mayo889   20 ноя  9 21:31 script.sql
-rw-rw-r-- 1 mayo889 mayo889   36 ноя  9 21:39 Script.sql
mysql> exit
Bye
mayo889@pc-mayo889:~/.local/share/DBeaverData/workspace6/General/Scripts$
mayo889@pc-mayo889:~/.local/share/DBeaverData/workspace6/General/Scripts$ ls
script.sql
mayo889@pc-mayo889:~/.local/share/DBeaverData/workspace6/General/Scripts$ ls -la
итого 16
drwxrwxr-x 2 mayo889 mayo889 4096 ноя  9 21:39 .
drwxrwxr-x 4 mayo889 mayo889 4096 ноя  5 16:47 ..
-rw-rw-r-- 1 mayo889 mayo889   36 ноя  9 21:39 .my.cnf
-rw-rw-r-- 1 mayo889 mayo889   20 ноя  9 21:31 script.sql
mayo889@pc-mayo889:~/.local/share/DBeaverData/workspace6/General/Scripts$ chmod 600 .my.cnf
mayo889@pc-mayo889:~/.local/share/DBeaverData/workspace6/General/Scripts$ ls -la
итого 16
drwxrwxr-x 2 mayo889 mayo889 4096 ноя  9 21:39 .
drwxrwxr-x 4 mayo889 mayo889 4096 ноя  5 16:47 ..
-rw------- 1 mayo889 mayo889   36 ноя  9 21:39 .my.cnf
-rw-rw-r-- 1 mayo889 mayo889   20 ноя  9 21:31 script.sql
mayo889@pc-mayo889:~/.local/share/DBeaverData/workspace6/General/Scripts$ mv .my.cnf ~/
mayo889@pc-mayo889:~/.local/share/DBeaverData/workspace6/General/Scripts$ ls -la
итого 12
drwxrwxr-x 2 mayo889 mayo889 4096 ноя  9 21:42 .
drwxrwxr-x 4 mayo889 mayo889 4096 ноя  5 16:47 ..
-rw-rw-r-- 1 mayo889 mayo889   20 ноя  9 21:31 script.sql
mayo889@pc-mayo889:~/.local/share/DBeaverData/workspace6/General/Scripts$ cd
mayo889@pc-mayo889:~$ ls -ls | grep .my.cnf
mayo889@pc-mayo889:~$ ls -la | grep .my.cnf
-rw-------  1 mayo889 mayo889   36 ноя  9 21:39 .my.cnf
mayo889@pc-mayo889:~$ mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 17
Server version: 8.0.22-0ubuntu0.20.04.2 (Ubuntu)

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```

Задание 2


```
mysql> USE example
Database changed
mysql> SHOW TABLES
    -> ;
+-------------------+
| Tables_in_example |
+-------------------+
| users             |
+-------------------+
1 row in set (0.00 sec)

mysql> SOURCE script.sql
Query OK, 0 rows affected (0.69 sec)

Query OK, 0 rows affected (1.15 sec)

mysql> DESCRIBE users;
+-------+-----------------+------+-----+---------+----------------+
| Field | Type            | Null | Key | Default | Extra          |
+-------+-----------------+------+-----+---------+----------------+
| id    | bigint unsigned | NO   | PRI | NULL    | auto_increment |
| name  | varchar(255)    | NO   |     | NULL    |                |
+-------+-----------------+------+-----+---------+----------------+
2 rows in set (0.00 sec)

mysql>
```

Задание 3

Задание 4


```
mysql> use mysql
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> DESCRIBE help_keyword;
+----------------+--------------+------+-----+---------+-------+
| Field          | Type         | Null | Key | Default | Extra |
+----------------+--------------+------+-----+---------+-------+
| help_keyword_id | int unsigned | NO   | PRI | NULL    |       |
| name           | char(64)     | NO   | UNI | NULL    |       |
+----------------+--------------+------+-----+---------+-------+
2 rows in set (0.00 sec)

mysql> exit
Bye
mayo889@pc-mayo889:~/.local/share/DBeaverData/workspace6/General/Scripts$ mysqldump mysql help_keyword --where='help_keyword_id<100'
> dump_keyword_100.sql
mayo889@pc-mayo889:~/.local/share/DBeaverData/workspace6/General/Scripts$ ls -la
итого 20
drwxrwxr-x 2 mayo889 mayo889 4096 ноя  9 22:59 .
drwxrwxr-x 4 mayo889 mayo889 4096 ноя  5 16:47 ..
-rw-rw-r-- 1 mayo889 mayo889 1973 ноя  9 22:29 dump_example.sql
-rw-rw-r-- 1 mayo889 mayo889 3483 ноя  9 22:59 dump_keyword_100.sql
-rw-rw-r-- 1 mayo889 mayo889  172 ноя  9 22:07 script.sql
```

Содержание дампа, чтобы показать, что в таблице только 100 строк


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

--
-- Dumping data for table `help_keyword`
--
-- WHERE:  help_keyword_id<100

LOCK TABLES `help_keyword` WRITE;
/*!40000 ALTER TABLE `help_keyword` DISABLE KEYS */;
INSERT INTO `help_keyword` VALUES (0,'HELP_DATE'),(1,'HELP_VERSION'),(2,'DEFAULT'),(3,'SERIAL'),(4,'VALUE'),(5,'HELP'),(6,'ASYMMETRIC
_DECRYPT'),(7,'ASYMMETRIC_DERIVE'),(8,'ASYMMETRIC_ENCRYPT'),(9,'ASYMMETRIC_SIGN'),(10,'ASYMMETRIC_VERIFY'),(11,'CREATE_ASYMMETRIC_PRI
V_KEY'),(12,'CREATE_ASYMMETRIC_PUB_KEY'),(13,'CREATE_DH_PARAMETERS'),(14,'CREATE_DIGEST'),(15,'FALSE'),(16,'TRUE'),(17,'BOOL'),(18,'B
OOLEAN'),(19,'INT1'),(20,'UNSIGNED'),(21,'ZEROFILL'),(22,'INT2'),(23,'INT3'),(24,'MIDDLEINT'),(25,'INT4'),(26,'INTEGER'),(27,'INT8'),
(28,'DEC'),(29,'FIXED'),(30,'NUMERIC'),(31,'DECIMAL'),(32,'FLOAT4'),(33,'FLOAT8'),(34,'PRECISION'),(35,'REAL'),(36,'DATE'),(37,'TIMES
TAMP'),(38,'TIME'),(39,'CHARACTER'),(40,'NATIONAL'),(41,'NCHAR'),(42,'BYTE'),(43,'CHAR'),(44,'NVARCHAR'),(45,'VARCHARACTER'),(46,'VAR
YING'),(47,'LONG'),(48,'LONGBINARY'),(49,'ADD'),(50,'ALTER'),(51,'CREATE'),(52,'INDEX'),(53,'KEY'),(54,'TABLE'),(55,'='),(56,'<=>'),(
57,'<>'),(58,'<='),(59,'<'),(60,'>='),(61,'>'),(62,'AND'),(63,'BETWEEN'),(64,'NOT'),(65,'COALESCE'),(66,'GREATEST'),(67,'IN'),(68,'IN
TERVAL'),(69,'IS'),(70,'NULL'),(71,'ISNULL'),(72,'LEAST'),(73,'OR'),(74,'XOR'),(75,':='),(76,'CASE'),(77,'ELSE'),(78,'END'),(79,'THEN
'),(80,'WHEN'),(81,'IF'),(82,'IFNULL'),(83,'NULLIF'),(84,'+'),(85,'-'),(86,'*'),(87,'/'),(88,'DIV'),(89,'MOD'),(90,'ABS'),(91,'ACOS')
,(92,'ASIN'),(93,'ATAN'),(94,'ATAN2'),(95,'CEIL'),(96,'CEILING'),(97,'CONV'),(98,'COS'),(99,'COT');
```