

Создаем таблицу для домашних животных

```
mysql> CREATE DATABASE HumanFriends;
ERROR 4031 (HY000): The client was disconnected by the server because of inactivity. See wait_timeout and interactive_timeout for configuring this behavior.
No connection. Trying to reconnect...
Connection id:      10
Current database: *** NONE ***

Query OK, 1 row affected (0.01 sec)

mysql> CREATE DATABASE HumanFriends;
ERROR 1007 (HY000): Can't create database 'HumanFriends'; database exists
mysql> show databases;
+-----+
| Database                |
+-----+
| HumanFriends             |
| information_schema       |
| mysql                    |
| performance_schema       |
| sys                      |
+-----+
5 rows in set (0.00 sec)

mysql>
```



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No connection. Trying to reconnect...

Connection id: 10

Current database: *** NONE ***

Query OK, 1 row affected (0.01 sec)

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```
+-----+
| Database          |
+-----+
| HumanFriends      |
| information_schema |
| mysql              |
| performance_schema |
| sys                |
+-----+
```

5 rows in set (0.00 sec)

mysql> USE HumanFriends;

Database changed

mysql>

```

+
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ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'shiw database' at line 1
mysql> show database;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'database' at line 1
mysql> show databases;
+-----+
| Database                |
+-----+
| HumanFriends            |
| information_schema      |
| mysql                   |
| performance_schema      |
| sys                     |
+-----+
5 rows in set (0.00 sec)

mysql> use HumanFriends;
Database changed
mysql> CREATE TABLE domestic_animals ( id INT PRIMARY KEY, name VARCHAR(50), command VARCHAR(50), birth_date DATE );
Query OK, 0 rows affected (0.02 sec)

mysql>
```

Заполняем таблицу домашними животными

```
mysql> ALTER TABLE domemestic_animals MODIFY COLUMN id INT AUTO_INCREMENT;
ERROR 1146 (42S02): Table 'HumanFriends.domemestic_animals' doesn't exist
mysql> ALTER TABLE domestic_animals MODIFY COLUMN id INT AUTO_INCREMENT;
Query OK, 0 rows affected (0.04 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> INSERT INTO domestic_animals (name, command, birth_date) VALUES ('Fluffy', '
Meow', '2020-01-01'), ('Buddy', 'Sit', '2019-05-15'), ('Charlie', 'Fetch', '2021-03
-10');
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql>
```

```

mysql> ALTER TABLE domemestic_animals MODIFY COLUMN id INT AUTO_INCREMENT;
ERROR 1146 (42S02): Table 'HumanFriends.domemestic_animals' doesn't exist
mysql> ALTER TABLE domestic_animals MODIFY COLUMN id INT AUTO_INCREMENT;
Query OK, 0 rows affected (0.04 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> INSERT INTO domestic_animals (name, command, birth_date) VALUES ('Fluffy', '
Meow', '2020-01-01'), ('Buddy', 'Sit', '2019-05-15'), ('Charlie', 'Fetch', '2021-03
-10');
Query OK, 3 rows affected (0.01 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM domestic_animals;
+-----+-----+-----+-----+
| id | name   | command | birth_date |
+-----+-----+-----+-----+
| 1  | Fluffy | Meow    | 2020-01-01 |
| 2  | Buddy  | Sit     | 2019-05-15 |
| 3  | Charlie| Fetch   | 2021-03-10 |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> █
```

Создаем таблицу для выючных животных

```
mysql> CREATE TABLE herding_animals ( id INT PRIMARY KEY AUTO_INCREMENT , name VARCHAR(50), command VARCHAR(50), birth_date DATE );
Query OK, 0 rows affected (0.02 sec)

mysql> INSERT INTO herding_animals (name, command, birth_date) VALUES ('Camel1', 'Carry', '2018-02-20'), ('Horse1', 'Gallop', '2022-07-05'), ('Donkey1', 'Carry', '2019-11-12');
Query OK, 3 rows affected (0.00 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM herding_animals;
+----+-----+-----+-----+
| id | name   | command | birth_date |
+----+-----+-----+-----+
| 1  | Camel1 | Carry   | 2018-02-20 |
| 2  | Horse1 | Gallop  | 2022-07-05 |
| 3  | Donkey1 | Carry   | 2019-11-12 |
+----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql>
```

Удаляем верблюдов из таблицы

```
mysql> DELETE FROM herding_animals WHERE name LIKE 'Camel%';
Query OK, 1 row affected (0.01 sec)

mysql>
```

```
mysql> CREATE TABLE equine_animals AS
-> SELECT * FROM herding_animals
-> WHERE name LIKE 'Horse%'
-> UNION
-> SELECT * FROM herding_animals
-> WHERE name LIKE 'Donkey%';
Query OK, 2 rows affected (0.02 sec)
Records: 2  Duplicates: 0  Warnings: 0
```

Создаем таблицу "молодые животные"

```
mysql> CREATE TABLE young_animals AS
-> SELECT *,
->     TIMESTAMPDIFF(YEAR, birth_date, CURDATE()) -
->     CASE WHEN DAYOFYEAR(birth_date) > DAYOFYEAR(CURDATE()) THEN 1 ELSE 0 END
AS age_years,
->     TIMESTAMPDIFF(MONTH, birth_date, CURDATE()) % 12 AS age_months
-> FROM domestic_animals
-> WHERE TIMESTAMPDIFF(YEAR, birth_date, CURDATE()) BETWEEN 1 AND 3;
```

Query OK, 2 rows affected (0.02 sec)

Records: 2 Duplicates: 0 Warnings: 0

```
mysql> SELECT * FROM young_animals;
```

id	name	command	birth_date	age_years	age_months
1	Fluffy	Meow	2020-01-01	3	11
3	Charlie	Fetch	2021-03-10	2	9

2 rows in set (0.00 sec)

```
mysql>
```