

112233 [Запущено] - Oracle VM VirtualBox

Файл Машина Перегляд Введення Пристрої Довідка

Empty set (0.00 sec)

```
mysql> CREATE TABLE Students (  
-> id INT AUTO_INCREMENT PRIMARY KEY,  
-> name VARCHAR(255),  
-> course INT,  
-> GPA DECIMAL(3,2)  
-> );  
ERROR 1050 (42S01): Table 'Students' already exists  
mysql> INSERT INTO Students (name, course, GPA) VALUES  
-> ('Bob', 1, 3.3),  
-> ('Evgen', 2, 2.4),  
-> ('Roman', 1, 4.2),  
-> ('Ivan', 4, 1.2),  
-> ('Vasy', 5, 4.0);  
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 '  
( 'Ivan', 4, 1.2),  
( 'Vasy', 5, 4.0) ' at line 4  
mysql> INSERT INTO Students (name, course, GPA) VALUES ('Bob', 1, 3.3), ('Evgen', 2, 2.4), ('Roman',  
1, 4.2), ('Ivan', 4, 1.2), ('Vasy', 5, 4.0);  
Query OK, 5 rows affected (1.65 sec)  
Records: 5 Duplicates: 0 Warnings: 0  
  
mysql> SELECT * FROM Students;  
+----+-----+-----+-----+  
| id | name | course | GPA |  
+----+-----+-----+-----+  
| 1 | Bob | 1 | 3.30 |  
| 2 | Evgen | 2 | 2.40 |  
| 3 | Roman | 1 | 4.20 |  
| 4 | Ivan | 4 | 1.20 |  
| 5 | Vasy | 5 | 4.00 |  
+----+-----+-----+-----+  
5 rows in set (0.00 sec)  
  
mysql> _
```

Mouse integration ...
Auto capture keyboard ...

112233 [Запущено] - Oracle VM VirtualBox

Файл Машина Перегляд Введення Пристрої Довідка

```
mysql> INSERT INTO Students (name, course, GPA) VALUES  
-> ('Bob', 1, 3.3),  
-> ('Evgen', 2, 2.4),  
-> ('Roman', 1, 4.2),  
-> ('Ivan', 4, 1.2),  
-> ('Vasy', 5, 4.0);  
ERROR 1050 (42S01): Table 'Students' already exists  
ERROR 1064 (42000): You have an error in your SQL syntax; check the man  
MySQL server version for the right syntax to use near '  
( 'Ivan', 4, 1.2),  
( 'Vasy', 5, 4.0) ' at line 4  
mysql> INSERT INTO Students (name, course, GPA) VALUES ('Bob', 1, 3.3), ('Evgen', 2, 2.4), ('Roman',  
1, 4.2), ('Ivan', 4, 1.2), ('Vasy', 5, 4.0);  
Query OK, 5 rows affected (1.65 sec)  
Records: 5 Duplicates: 0 Warnings: 0  
  
mysql> SELECT * FROM Students;  
+----+-----+-----+-----+  
| id | name | course | GPA |  
+----+-----+-----+-----+  
| 1 | Bob | 1 | 3.30 |  
| 2 | Evgen | 2 | 2.40 |  
| 3 | Roman | 1 | 4.20 |  
| 4 | Ivan | 4 | 1.20 |  
| 5 | Vasy | 5 | 4.00 |  
+----+-----+-----+-----+  
5 rows in set (0.00 sec)  
  
mysql> SELECT * FROM Students WHERE course = 2;  
+----+-----+-----+-----+  
| id | name | course | GPA |  
+----+-----+-----+-----+  
| 2 | Evgen | 2 | 2.40 |  
+----+-----+-----+-----+  
1 row in set (0.00 sec)  
  
mysql>
```

Mouse integration ...
Auto capture keyboard ...

112233 [Запущено] - Oracle VM VirtualBox

Файл Машина Перегляд Введення Пристрої Довідка

```
| 5 | Vasy | 5 | 4.00 |
+-----+
5 rows in set (0.00 sec)

mysql> UPDATE Students SET name = 'Petrov' WHERE course = 3;
Query OK, 0 rows affected (0.00 sec)
Rows matched: 0 Changed: 0 Warnings: 0

mysql> SELECT * FROM Students;
+-----+
| id | name | course | GPA |
+-----+
| 1 | Bob | 1 | 3.30 |
| 2 | Evgen | 2 | 2.40 |
| 3 | Roman | 1 | 4.20 |
| 4 | Ivan | 4 | 1.20 |
| 5 | Vasy | 5 | 4.00 |
+-----+
5 rows in set (0.00 sec)

mysql> UPDATE Students SET name = 'Petrov' WHERE id = 3;
Query OK, 1 row affected (0.32 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> SELECT * FROM Students;
+-----+
| id | name | course | GPA |
+-----+
| 1 | Bob | 1 | 3.30 |
| 2 | Evgen | 2 | 2.40 |
| 3 | Petrov | 1 | 4.20 |
| 4 | Ivan | 4 | 1.20 |
| 5 | Vasy | 5 | 4.00 |
+-----+
5 rows in set (0.00 sec)

mysql> _
```

Mouse integration ...

Auto capture keyboard ...

Right Ctrl

112233 [Запущено] - Oracle VM VirtualBox

Файл Машина Перегляд Введення Пристрої Довідка

```
Query OK, 1 row affected (0.00 sec)

mysql> COMMIT
-> ;
Query OK, 0 rows affected (0.01 sec)

mysql> SELECT * FROM Students;
+-----+
| id | name | course | GPA |
+-----+
| 1 | Bob | 1 | 3.30 |
| 3 | Petrov | 1 | 4.20 |
| 5 | Vasy | 5 | 4.00 |
| 6 | Oleksiy Kovalenko | 1 | 4.20 |
+-----+
4 rows in set (0.00 sec)

mysql> SELECT * FROM Students WHERE course = 1 AND GPA > 0;
+-----+
| id | name | course | GPA |
+-----+
| 1 | Bob | 1 | 3.30 |
| 3 | Petrov | 1 | 4.20 |
| 6 | Oleksiy Kovalenko | 1 | 4.20 |
+-----+
3 rows in set (0.00 sec)

mysql> SELECT course, COUNT(*) AS amount_students FROM Students GROUP BY course;
+-----+
| course | amount_students |
+-----+
| 1 | 3 |
| 5 | 1 |
+-----+
2 rows in set (1.64 sec)

mysql> _
```

Right Ctrl

```
mysql> SELECT course, COUNT(*) AS amount_students FROM Students GROUP BY course;
```

course	amount_students
1	3
5	1

```
2 rows in set (1.64 sec)
```

```
mysql> DROP TABLE IF EXISTS Students;
```

```
Query OK, 0 rows affected (1.37 sec)
```

```
mysql> DROP DATABASE IF EXISTS University;
```

```
Query OK, 0 rows affected (0.13 sec)
```

```
mysql>
```