mysql: [Warning] C:\Program Files\MySQL\MySQL Server 8.0\bin\mysql.exe: ignoring option '--no-beep' due to invalid value ''.

Enter password: ****

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

Your MySQL connection id is 9

Server version: 8.0.23 MySQL Community Server - GPL


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owners.


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


mysql> create database college;
ERROR 1007 (HY000): Can't create database 'college'; database exists
mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| college            |
| employee           |
| information_schema |
| mysql              |
| performance_schema |
| sakila             |
| sys                |
| testdb             |
| world              |
+--------------------+

9 rows in set (0.04 sec)

mysql> drop database college;

Query OK, 4 rows affected (0.08 sec)

mysql> show databases;

```
+--------------------+
| Database           |
+--------------------+
| employee           |
| information_schema |
| mysql              |
| performance_schema |
| sakila             |
| sys                |
| testdb             |
| world              |
+--------------------+
```

8 rows in set (0.00 sec)

mysql> create database college;

Query OK, 1 row affected (0.01 sec)

mysql> create table student(s_id int,s_name varchar(20),s_address varchar(50));

ERROR 1046 (3D000): No database selected

mysql> use college;

Database changed

mysql> create table student(s_id int,s_name varchar(20),s_address varchar(50));

Query OK, 0 rows affected (0.05 sec)

mysql> drop table student;

Query OK, 0 rows affected (0.03 sec)


mysql> create table student(s_id int primary key,s_name varchar(20) not null,s_address varchar(50));

Query OK, 0 rows affected (0.05 sec)


mysql> create table marks(m_id int primary key,s_marks int not null,s_id int,foriegn key(s_id) references student(s_id));

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 'key(s_id) references student(s_id))' at line 1

mysql> create table marks(m_id int primary key,s_marks int not null,s_id int,foreign key(s_id) references student(s_id));

Query OK, 0 rows affected (0.06 sec)


mysql> alter table student add s_age int;

Query OK, 0 rows affected (0.04 sec)

Records: 0  Duplicates: 0  Warnings: 0


mysql> alter table student drop s_age;

Query OK, 0 rows affected (0.09 sec)

Records: 0  Duplicates: 0  Warnings: 0


mysql> insert into student values(1,'abc','byculla');

Query OK, 1 row affected (0.01 sec)


mysql> insert into student values(1,'abc','byculla');

ERROR 1062 (23000): Duplicate entry '1' for key 'student.PRIMARY'

mysql> insert into student values(2,'xyz','sion');

Query OK, 1 row affected (0.01 sec)


mysql> insert into student values(3,'ijk','kurla');

Query OK, 1 row affected (0.00 sec)

mysql> insert into marks(11,80,4);

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 '11,80,4)' at line 1

mysql> insert into marks values(11,80,4);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`college`.`marks`, CONSTRAINT `marks_ibfk_1` FOREIGN KEY (`s_id`) REFERENCES `student` (`s_id`))

mysql> insert into marks values(11,80,1);

Query OK, 1 row affected (0.01 sec)


mysql> insert into marks values(12,67,2);

Query OK, 1 row affected (0.01 sec)


mysql> insert into marks values(13,87,3);

Query OK, 1 row affected (0.01 sec)


mysql> select * from student;

```
+------+--------+-----------+
| s_id | s_name | s_address |
+------+--------+-----------+
|    1 | abc    | byculla   |
|    2 | xyz    | sion      |
|    3 | ijk    | kurla     |
+------+--------+-----------+
3 rows in set (0.00 sec)
```

mysql> select * from marks;

```
+------+---------+------+
| m_id | s_marks | s_id |
+------+---------+------+
|   11 |      80 |    1 |
|   12 |      67 |    2 |
```

```
| 13 |    87 |   3 |

+------+---------+------+

3 rows in set (0.00 sec)


mysql> update student set s_address='sion';

Query OK, 2 rows affected (0.01 sec)

Rows matched: 3  Changed: 2  Warnings: 0


mysql> select * from student;

+------+--------+-----------+

| s_id | s_name | s_address |

+------+--------+-----------+

|    1 | abc    | sion      |

|    2 | xyz    | sion      |

|    3 | ijk    | sion      |

+------+--------+-----------+

3 rows in set (0.00 sec)


mysql> update student set s_name='pqr' where s_id=2);
```

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 ')' at line 1

```
mysql> update student set s_name='pqr' where s_id=2;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1  Changed: 1  Warnings: 0


mysql> select * from student;

+------+--------+-----------+

| s_id | s_name | s_address |

+------+--------+-----------+

|    1 | abc    | sion      |

|    2 | pqr    | sion      |
```

| 3 | ijk | sion |

+------+--------+-----------+

3 rows in set (0.00 sec)


mysql> delete student where s_id=2;

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 'where s_id=2' at line 1

mysql> delete from student where s_id=2;

ERROR 1451 (23000): Cannot delete or update a parent row: a foreign key constraint fails (`college`.`marks`, CONSTRAINT `marks_ibfk_1` FOREIGN KEY (`s_id`) REFERENCES `student` (`s_id`))

mysql> delete from marks where s_id=2;

Query OK, 1 row affected (0.01 sec)


mysql> select * from marks;

+------+---------+------+

| m_id | s_marks | s_id |

+------+---------+------+

| 11 | 80 | 1 |

| 13 | 87 | 3 |

+------+---------+------+

2 rows in set (0.00 sec)


mysql> select m_id from marks;

+------+

| m_id |

+------+

| 11 |

| 13 |

+------+

2 rows in set (0.00 sec)


mysql> select m_id,s_marks from marks;

```
+------+---------+
| m_id | s_marks |
+------+---------+
|   11 |      80 |
|   13 |      87 |
+------+---------+
2 rows in set (0.00 sec)


mysql> select s_name from student where s_id=3;

+--------+
| s_name |
+--------+
| ijk    |
+--------+
1 row in set (0.00 sec)


mysql> select s_id from student where s_address='sion';

+------+
| s_id |
+------+
|    1 |
|    2 |
|    3 |
+------+
3 rows in set (0.00 sec)


mysql> select s_marks from student order by s_marks;
ERROR 1054 (42S22): Unknown column 's_marks' in 'field list'
mysql> select s_marks from marks order by s_marks;

+---------+
| s_marks |
```

```
+---------+
|      80 |
|      87 |
+---------+
2 rows in set (0.00 sec)


mysql> select s_marks from marks order by s_marks desc;
+---------+
| s_marks |
+---------+
|      87 |
|      80 |
+---------+
2 rows in set (0.00 sec)


mysql>
```