mysql> use contraints;

Database changed

mysql> show tables;

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

| Tables\_in\_contraints |

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

| departments |

| employee |

| employees |

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

3 rows in set (0.01 sec)

mysql> desc departments;

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

| Field | Type | Null | Key | Default | Extra |

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

| depId | int | NO | PRI | NULL | |

| department\_name | varchar(50) | YES | | NULL | |

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

2 rows in set (0.01 sec)

mysql> desc employee;

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

| Field | Type | Null | Key | Default | Extra |

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

| employee\_id | int | NO | PRI | NULL | |

| name | varchar(50) | YES | | NULL | |

| depId | int | YES | MUL | NULL | |

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

3 rows in set (0.01 sec)

mysql> employees;

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 'employees' at line 1

mysql> desc employees;

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

| Field | Type | Null | Key | Default | Extra |

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

| employee\_id | int | NO | PRI | NULL | |

| name | varchar(50) | YES | | NULL | |

| department\_id | int | YES | | NULL | |

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

3 rows in set (0.00 sec)

mysql> drop employees;

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 'employees' at line 1

mysql> drop table employees;

Query OK, 0 rows affected (0.03 sec)

mysql> select \* from employee;

Empty set (0.00 sec)

mysql> select \* from departments;

Empty set (0.01 sec)

mysql> create table students(student\_id int primary key, email varchar(50) unique, name varchar(50));

Query OK, 0 rows affected (0.04 sec)

mysql> create table emp(emp\_id int primary key, name varchar(50), salary decimal(10,2) check(salary>0));

Query OK, 0 rows affected (0.04 sec)

mysql> insert into table emp values(101, "sonu", 50000);

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 'table emp values(101, "sonu", 50000)' at line 1

mysql> insert into emp values(101, "sonu", 50000);

Query OK, 1 row affected (0.01 sec)

mysql> insert into emp values(102, "renu", 1);

Query OK, 1 row affected (0.01 sec)

mysql> insert into emp values(102, "renu", 0);

ERROR 3819 (HY000): Check constraint 'emp\_chk\_1' is violated.

mysql> insert into emp values(102, "renu", -2);

ERROR 3819 (HY000): Check constraint 'emp\_chk\_1' is violated.

mysql> insert into emp values(102, "renu", 900);

ERROR 1062 (23000): Duplicate entry '102' for key 'emp.PRIMARY'

mysql> insert into emp values(103, "renu", 900);

Query OK, 1 row affected (0.01 sec)

mysql> create table orders(order\_id int primary key auto\_increment, name varchar(50), order\_date date, t

price int default 100);

Query OK, 0 rows affected (0.04 sec)

mysql> insert into orders values(1, "renu","2024-12-12", 10203);

Query OK, 1 row affected (0.01 sec)

mysql> insert into orders(name, order\_date)values("Sonu", "2024-02-20"), ("Mona", "2024-12-12");

Query OK, 2 rows affected (0.05 sec)

Records: 2 Duplicates: 0 Warnings: 0

mysql> select \* from orders;

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

| order\_id | name | order\_date | tprice |

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

| 1 | renu | 2024-12-12 | 10203 |

| 2 | Sonu | 2024-02-20 | 100 |

| 3 | Mona | 2024-12-12 | 100 |

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

3 rows in set (0.00 sec)

mysql>