Enter password: \*\*\*\*\*\*

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

Your MySQL connection id is 11

Server version: 8.0.27 MySQL Community Server - GPL

Copyright (c) 2000, 2021, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its

affiliates. Other names may be trademarks of their respective

owners.

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

mysql> use mouri\_training;

Database changed

mysql> show tables ;

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

| Tables\_in\_mouri\_training |

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

| bonus |

| course |

| employees |

| student |

| title |

| worker |

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

6 rows in set (0.28 sec)

mysql> CREATE TABLE employees(emp\_id int NOT NULL, emp\_name varchar(30) NOT NULL, salary int (10),dept\_id varchar(20) NOT NULL, primary key(emp\_id));

ERROR 1050 (42S01): Table 'employees' already exists

mysql> CREATE TABLE emp\_info(emp\_id int NOT NULL, emp\_name varchar(30) NOT NULL, salary int (10),dept\_id varchar(20) NOT NULL, primary key(emp\_id));

Query OK, 0 rows affected, 1 warning (1.00 sec)

mysql> desc emp\_info;

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

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

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

| emp\_id | int | NO | PRI | NULL | |

| emp\_name | varchar(30) | NO | | NULL | |

| salary | int | YES | | NULL | |

| dept\_id | varchar(20) | NO | | NULL | |

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

4 rows in set (0.26 sec)

mysql> alter table empl\_info add emp\_address varchar(40) NOT NULL after emp\_name;

ERROR 1146 (42S02): Table 'mouri\_training.empl\_info' doesn't exist

mysql> alter table emp\_info add emp\_address varchar(40) NOT NULL after emp\_name;

Query OK, 0 rows affected (0.98 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc emp\_info;

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

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

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

| emp\_id | int | NO | PRI | NULL | |

| emp\_name | varchar(30) | NO | | NULL | |

| emp\_address | varchar(40) | NO | | NULL | |

| salary | int | YES | | NULL | |

| dept\_id | varchar(20) | NO | | NULL | |

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

5 rows in set (0.04 sec)

mysql> alert table emp\_info modify salary float;

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 'alert table emp\_info modify salary float' at line 1

mysql> alter table emp\_info modify salary double;

Query OK, 0 rows affected (0.94 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc emp\_info;

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

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

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

| emp\_id | int | NO | PRI | NULL | |

| emp\_name | varchar(30) | NO | | NULL | |

| emp\_address | varchar(40) | NO | | NULL | |

| salary | double | YES | | NULL | |

| dept\_id | varchar(20) | NO | | NULL | |

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

5 rows in set (0.07 sec)

mysql> alter table emp\_info rename column salary to emp\_salary ;

Query OK, 0 rows affected (0.25 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc emp\_info;

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

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

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

| emp\_id | int | NO | PRI | NULL | |

| emp\_name | varchar(30) | NO | | NULL | |

| emp\_address | varchar(40) | NO | | NULL | |

| emp\_salary | double | YES | | NULL | |

| dept\_id | varchar(20) | NO | | NULL | |

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

5 rows in set (0.00 sec)

mysql> alter table emp\_info add emp\_email varchar(20) NOT NULL;

Query OK, 0 rows affected (0.31 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc emp\_info;

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

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

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

| emp\_id | int | NO | PRI | NULL | |

| emp\_name | varchar(30) | NO | | NULL | |

| emp\_address | varchar(40) | NO | | NULL | |

| emp\_salary | double | YES | | NULL | |

| dept\_id | varchar(20) | NO | | NULL | |

| emp\_email | varchar(20) | NO | | NULL | |

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

6 rows in set (0.08 sec)

mysql> alter table emp\_info drop emp\_salary;

Query OK, 0 rows affected (1.30 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc emp\_info;

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

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

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

| emp\_id | int | NO | PRI | NULL | |

| emp\_name | varchar(30) | NO | | NULL | |

| emp\_address | varchar(40) | NO | | NULL | |

| dept\_id | varchar(20) | NO | | NULL | |

| emp\_email | varchar(20) | NO | | NULL | |

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

5 rows in set (0.00 sec)

mysql> alter table emp\_info remane to Employee\_Data;

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 'remane to Employee\_Data' at line 1

mysql> alter table emp\_info rename to Employee\_Data;

Query OK, 0 rows affected (0.28 sec)

mysql> desc employee\_data;

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

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

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

| emp\_id | int | NO | PRI | NULL | |

| emp\_name | varchar(30) | NO | | NULL | |

| emp\_address | varchar(40) | NO | | NULL | |

| dept\_id | varchar(20) | NO | | NULL | |

| emp\_email | varchar(20) | NO | | NULL | |

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

5 rows in set (0.15 sec)

mysql> alter employee\_data add emp\_salary double NOT NULL;

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 'employee\_data add emp\_salary double NOT NULL' at line 1

mysql> alter table employee\_data add emp\_salary double NOT NULL;

Query OK, 0 rows affected (0.86 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc employee\_data;

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

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

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

| emp\_id | int | NO | PRI | NULL | |

| emp\_name | varchar(30) | NO | | NULL | |

| emp\_address | varchar(40) | NO | | NULL | |

| dept\_id | varchar(20) | NO | | NULL | |

| emp\_email | varchar(20) | NO | | NULL | |

| emp\_salary | double | NO | | NULL | |

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

6 rows in set (0.07 sec)

mysql> alter table employee\_data add column emp\_mob varchar(20);

Query OK, 0 rows affected (0.41 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc employee\_data;

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

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

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

| emp\_id | int | NO | PRI | NULL | |

| emp\_name | varchar(30) | NO | | NULL | |

| emp\_address | varchar(40) | NO | | NULL | |

| dept\_id | varchar(20) | NO | | NULL | |

| emp\_email | varchar(20) | NO | | NULL | |

| emp\_salary | double | NO | | NULL | |

| emp\_mob | varchar(20) | YES | | NULL | |

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

7 rows in set (0.11 sec)

mysql> alter table employee\_data add CONSTRAINT constraintmob emp\_mo unique double NOT NULL;

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 'emp\_mo unique double NOT NULL' at line 1

mysql>

mysql> alter table employee\_data add CONSTRAINT constraintmob unique(emp\_mob);

Query OK, 0 rows affected (0.44 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc employee\_data;

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

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

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

| emp\_id | int | NO | PRI | NULL | |

| emp\_name | varchar(30) | NO | | NULL | |

| emp\_address | varchar(40) | NO | | NULL | |

| dept\_id | varchar(20) | NO | | NULL | |

| emp\_email | varchar(20) | NO | | NULL | |

| emp\_salary | double | NO | | NULL | |

| emp\_mob | varchar(20) | YES | UNI | NULL | |

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

7 rows in set (0.08 sec)

mysql> alter table employee\_data drp CONSTRAINT constraintmob;

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 'drp CONSTRAINT constraintmob' at line 1

mysql> alter table employee\_data drop CONSTRAINT constraintmob;

Query OK, 0 rows affected (0.31 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc employee\_data;

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

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

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

| emp\_id | int | NO | PRI | NULL | |

| emp\_name | varchar(30) | NO | | NULL | |

| emp\_address | varchar(40) | NO | | NULL | |

| dept\_id | varchar(20) | NO | | NULL | |

| emp\_email | varchar(20) | NO | | NULL | |

| emp\_salary | double | NO | | NULL | |

| emp\_mob | varchar(20) | YES | | NULL | |

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

7 rows in set (0.00 sec)

mysql> create table instructor(instructorid int,

-> instructorname varchar(50) ,

-> constraint cns\_name unique(instructorname));

Query OK, 0 rows affected (0.46 sec)

mysql> desc employee\_data;

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

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

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

| emp\_id | int | NO | PRI | NULL | |

| emp\_name | varchar(30) | NO | | NULL | |

| emp\_address | varchar(40) | NO | | NULL | |

| dept\_id | varchar(20) | NO | | NULL | |

| emp\_email | varchar(20) | NO | | NULL | |

| emp\_salary | double | NO | | NULL | |

| emp\_mob | varchar(20) | YES | | NULL | |

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

7 rows in set (0.08 sec)

mysql> desc instructor;

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

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

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

| instructorid | int | YES | | NULL | |

| instructorname | varchar(50) | YES | UNI | NULL | |

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

2 rows in set (0.10 sec)

mysql> create table instructordetails(instr\_details\_id int,instr\_id int,specialization varchar(20))engine=MyISAM;

Query OK, 0 rows affected (0.26 sec)

mysql> desc instructordetails;

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

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

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

| instr\_details\_id | int | YES | | NULL | |

| instr\_id | int | YES | | NULL | |

| specialization | varchar(20) | YES | | NULL | |

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

3 rows in set (0.13 sec)

mysql> truncate course;

Query OK, 0 rows affected (0.96 sec)

mysql> desc course;

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

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

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

| courseid | int | YES | | NULL | |

| coursename | varchar(20) | NO | | NULL | |

| coursefee | float | NO | | NULL | |

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

3 rows in set (0.09 sec)

mysql> insert into course values (1,"JAVA\_SpringBoot","10000" );

Query OK, 1 row affected (0.12 sec)

mysql> desc course;

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

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

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

| courseid | int | YES | | NULL | |

| coursename | varchar(20) | NO | | NULL | |

| coursefee | float | NO | | NULL | |

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

3 rows in set (0.15 sec)

mysql> select \* from course;

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

| courseid | coursename | coursefee |

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

| 1 | JAVA\_SpringBoot | 10000 |

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

1 row in set (0.05 sec)

mysql> truncate table course;

Query OK, 0 rows affected (0.79 sec)

mysql> select \* from course;

Empty set (0.09 sec)

mysql> desc course;

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

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

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

| courseid | int | YES | | NULL | |

| coursename | varchar(20) | NO | | NULL | |

| coursefee | float | NO | | NULL | |

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

3 rows in set (0.00 sec)

mysql>