
Name-Rahul Kanojiya

mysql> use rk;
Database changed

mysql> create table stud(sid int,sname varchar(20),address
varchar(20),age varchar(2),roll_no int);
Query OK, 0 rows affected (0.13 sec)

mysql> desc stud;

| + | L | . | + | L | | _ |
|---|--|---------------------------------|---------------------|--------------------------|----------------|-------------|
| Field | Туре | Null | Key | Default | Extra | - |
| sid sname address age roll_no | int varchar(20) varchar(20) varchar(2) int | YES YES YES YES YES | | NULL NULL NULL NULL NULL | | |

5 rows in set (0.06 sec)

mysql> alter table stud modify column sname varchar(20) not null;

Query OK, 0 rows affected (0.19 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc stud;

| 4 | L | L | L | L | | L |
|---|--|--------------------------------|--------------------------|--------------------------|-------|-------------|
| Field | Туре | Null | Key | Default | Extra | - |
| sid sname address age roll_no | int varchar(20) varchar(20) varchar(2) int | YES NO YES YES YES | | NULL NULL NULL NULL NULL | | · |

5 rows in set (0.00 sec)

```
mysql> alter table stud add (constraint age check (age>3));
Query OK, 0 rows affected (0.34 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> desc stud;
+----+---+----+-
                 | Null | Key | Default | Extra |
| Field | Type
sid | int
                 YES
                           NULL
sname | varchar(20) | NO
                          NULL
| address | varchar(20) | YES
                      NULL |
age | varchar(2) | YES
                         NULL
| roll_no | int
                 | YES
                         NULL
+-----
5 rows in set (0.05 sec)
mysql> alter table stud add unique key (roll_no);
Query OK, 0 rows affected (0.10 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> desc stud;
+----+
             | Null | Key | Default | Extra |
| Field | Type
+----+---+----+
                 YES
l sid
       lint
                          NULL
sname | varchar(20) | NO
                         NULL
                         | NULL
| address | varchar(20) | YES
age | varchar(2) | YES
                          NULL
+----+
5 rows in set (0.01 sec)
mysql> alter table stud add contact no int;
Query OK, 0 rows affected (0.11 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> desc stud;
```

+----+

| Field | Type | Null | Key | Default | Extra |
|---|---|---|--------------------------|-------------------------------|-------|
| sid sname address age roll_no contact_no | int varchar(20) varchar(20) varchar(2) int int | YES NO YES YES YES YES | UNI | NULL NULL NULL NULL NULL NULL | |
| + | + | + | + | | + |

6 rows in set (0.00 sec)

mysql> alter table stud drop constraint age; Query OK, 0 rows affected (0.08 sec) Records: 0 Duplicates: 0 Warnings: 0

mysql> desc stud;

| Field | Type | Null | Key | Default | Extra |
|---|---|---------------------------------------|-----|--------------------------------------|-------|
| sid sname address age roll_no contact_no | int varchar(20) varchar(20) varchar(2) int int | YES NO YES YES YES YES | UNI | NULL NULL NULL NULL NULL | |

6 rows in set (0.06 sec)

mysql>