Enter password: \*\*\*\*

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

Your MySQL connection id is 8

Server version: 8.0.34 MySQL Community Server - GPL

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owners.

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

mysql> show databases;

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

| Database |

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

| exam |

| information\_schema |

| mysql |

| performance\_schema |

| sys |

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

5 rows in set (0.16 sec)

mysql> drop exam;

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 'exam' at line 1

mysql> drop database exam;

Query OK, 9 rows affected (0.57 sec)

mysql> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| sys |

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

4 rows in set (0.00 sec)

mysql> create database examl

-> create database exam;

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 'create database exam' at line 2

mysql> create database exam;

Query OK, 1 row affected (0.09 sec)

mysql> use exam;

Database changed

mysql> create table register(name varchar (200),address varchar (200),mail varchar (200));

Query OK, 0 rows affected (0.21 sec)

mysql> show databases;

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

| Database |

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

| exam |

| information\_schema |

| mysql |

| performance\_schema |

| sys |

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

5 rows in set (0.00 sec)

mysql> create table question(qid int (100),question varchar (200),option1 varchar (200),option2 varchar (200),answer varchar (200));

Query OK, 0 rows affected, 1 warning (0.22 sec)

mysql> desc question;

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

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

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

| qid | int | YES | | NULL | |

| question | varchar(200) | YES | | NULL | |

| option1 | varchar(200) | YES | | NULL | |

| option2 | varchar(200) | YES | | NULL | |

| answer | varchar(200) | YES | | NULL | |

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

5 rows in set (0.15 sec)

mysql> insert into question values ('1','what is oop','concept','object oriented programing','concept');

Query OK, 1 row affected (0.15 sec)

mysql> select \* from question;

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

| qid | question | option1 | option2 | answer |

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

| 1 | what is oop | concept | object oriented programing | concept |

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

1 row in set (0.00 sec)

mysql> use mysql;

Database changed

mysql> use exam;

Database changed

mysql> select \* from register;

Empty set (0.04 sec)

mysql> drop table register;

Query OK, 0 rows affected (0.10 sec)

mysql> create table register (nmae varchar (200),email varchar(200),contact varchar(200));

Query OK, 0 rows affected (0.12 sec)

mysql> desc register;

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

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

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

| nmae | varchar(200) | YES | | NULL | |

| email | varchar(200) | YES | | NULL | |

| contact | varchar(200) | YES | | NULL | |

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

3 rows in set (0.03 sec)

mysql> alter table register modify email varchar (100);

Query OK, 0 rows affected (0.23 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc register;

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

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

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

| nmae | varchar(200) | YES | | NULL | |

| email | varchar(100) | YES | | NULL | |

| contact | varchar(200) | YES | | NULL | |

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

3 rows in set (0.00 sec)

mysql> alter table register add (address varchar (200));

Query OK, 0 rows affected (0.14 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc register;

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

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

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

| nmae | varchar(200) | YES | | NULL | |

| email | varchar(100) | YES | | NULL | |

| contact | varchar(200) | YES | | NULL | |

| address | varchar(200) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> alter table register column nmae to username;

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 'column nmae to username' at line 1

mysql> alter table register rename column nmae to username;

Query OK, 0 rows affected (0.07 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc register;

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

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

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

| username | varchar(200) | YES | | NULL | |

| email | varchar(100) | YES | | NULL | |

| contact | varchar(200) | YES | | NULL | |

| address | varchar(200) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> alter table register rename column email to u\_email;

Query OK, 0 rows affected (0.07 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc register;

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

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

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

| username | varchar(200) | YES | | NULL | |

| u\_email | varchar(100) | YES | | NULL | |

| contact | varchar(200) | YES | | NULL | |

| address | varchar(200) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> alter table register add(phone varchar (200));

Query OK, 0 rows affected (0.09 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc register;

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

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

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

| username | varchar(200) | YES | | NULL | |

| u\_email | varchar(100) | YES | | NULL | |

| contact | varchar(200) | YES | | NULL | |

| address | varchar(200) | YES | | NULL | |

| phone | varchar(200) | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql> alter table register drop phone;

Query OK, 0 rows affected (0.10 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc register;

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

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

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

| username | varchar(200) | YES | | NULL | |

| u\_email | varchar(100) | YES | | NULL | |

| contact | varchar(200) | YES | | NULL | |

| address | varchar(200) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql>drop table register;

mysql> insert into register values("a","a@gmail.com","123456","pune");

Query OK, 1 row affected (0.06 sec)

mysql> insert into register values("b","b@gmail.com","87613248","pune");

Query OK, 1 row affected (0.05 sec)

mysql> insert into register values("c","c@gmail.com","376843","pune");

Query OK, 1 row affected (0.04 sec)

mysql> insert into register values ("d","d@gmail.com","25486","pune");

Query OK, 1 row affected (0.21 sec)

mysql> select \* from register;

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

| username | u\_email | contact | address |

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

| a | a@gmail.com | 123456 | pune |

| b | b@gmail.com | 87613248 | pune |

| c | c@gmail.com | 376843 | pune |

| d | d@gmail.com | 25486 | pune |

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

4 rows in set (0.00 sec)

mysql> select \* from register;

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

| username | u\_email | contact | address |

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

| a | a@gmail.com | 123456 | pune |

| b | b@gmail.com | 87613248 | pune |

| c | c@gmail.com | 376843 | pune |

| d | d@gmail.com | 25486 | pune |

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

4 rows in set (0.00 sec)

mysql> commit;

Query OK, 0 rows affected (0.00 sec)

mysql>mysql> insert into register (username,u\_email)values ("e","e@gmail.com");

Query OK, 1 row affected (0.08 sec)

mysql>mysql> insert into register (username,u\_email)values ("e","e@gmail.com");

Query OK, 1 row affected (0.08 sec)

mysql> insert into register(username,u\_email)values("f","f@gmail.com");

Query OK, 1 row affected (0.07 sec)

mysql> select \* from register;

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

| username | u\_email | contact | address |

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

| a | a@gmail.com | 123456 | pune |

| b | b@gmail.com | 87613248 | pune |

| c | c@gmail.com | 376843 | pune |

| d | d@gmail.com | 25486 | pune |

| e | e@gmail.com | NULL | NULL |

| f | f@gmail.com | NULL | NULL |

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

6 rows in set (0.00 sec)

mysql>mysql> delete from register where u\_email="a@gmail.com";

Query OK, 1 row affected (0.03 sec)

mysql> select \*from register;

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

| username | u\_email | contact | address |

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

| b | b@gmail.com | 87613248 | pune |

| c | c@gmail.com | 376843 | pune |

| d | d@gmail.com | 25486 | pune |

| e | e@gmail.com | NULL | NULL |

| f | f@gmail.com | NULL | NULL |

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

5 rows in set (0.00 sec)

mysql>mysql> update register set contact="68764" where username="f";

Query OK, 1 row affected (0.06 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from register;

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

| username | u\_email | contact | address |

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

| b | b@gmail.com | 87613248 | pune |

| c | c@gmail.com | 376843 | pune |

| d | d@gmail.com | 25486 | pune |

| e | e@gmail.com | NULL | NULL |

| f | f@gmail.com | 68764 | NULL |

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

5 rows in set (0.00 sec)

mysql> update register set contact="349851" where username="e";

Query OK, 1 row affected (0.04 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from register;

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

| username | u\_email | contact | address |

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

| b | b@gmail.com | 87613248 | pune |

| c | c@gmail.com | 376843 | pune |

| d | d@gmail.com | 25486 | pune |

| e | e@gmail.com | 349851 | NULL |

| f | f@gmail.com | 68764 | NULL |

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

5 rows in set (0.00 sec)

mysql>

mysql> update register set contact="349851" where username="e";

Query OK, 1 row affected (0.04 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from register;

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

| username | u\_email | contact | address |

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

| b | b@gmail.com | 87613248 | pune |

| c | c@gmail.com | 376843 | pune |

| d | d@gmail.com | 25486 | pune |

| e | e@gmail.com | 349851 | NULL |

| f | f@gmail.com | 68764 | NULL |

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

5 rows in set (0.00 sec)

mysql> create table player(name varchar(200) not null,matches varchar(200),run varchar(200));

Query OK, 0 rows affected (0.17 sec)

mysql> desc player;

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

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

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

| name | varchar(200) | NO | | NULL | |

| matches | varchar(200) | YES | | NULL | |

| run | varchar(200) | YES | | NULL | |

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

3 rows in set (0.01 sec)

mysql>

mysql> insert into player values("5","500");

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql>mysql> insert into player values("a","5","500");

Query OK, 1 row affected (0.06 sec)

mysql> select \* from player;

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

| name | matches | run |

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

| a | 5 | 500 |

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

1 row in set (0.00 sec)

mysql>

mysql> insert into player(matches,run)values("10","600");

ERROR 1364 (HY000): Field 'name' doesn't have a default value

mysql>

mysql> alter table player add (pid int (100)primary key);

Query OK, 0 rows affected, 1 warning (0.39 sec)

Records: 0 Duplicates: 0 Warnings: 1

mysql> desc player;

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

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

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

| name | varchar(200) | NO | | NULL | |

| matches | varchar(200) | YES | | NULL | |

| run | varchar(200) | YES | | NULL | |

| pid | int | NO | PRI | NULL | |

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

mysql> insert into player values("b","4","600",2);

Query OK, 1 row affected (0.05 sec)

mysql> insert into player values("c","4","700",3);

Query OK, 1 row affected (0.05 sec)

mysql> insert into player values("d","4","300",2);

ERROR 1062 (23000): Duplicate entry '2' for key 'player.PRIMARY'

mysql>

mysql> select \* from player;

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

| name | matches | run | pid |

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

| a | 5 | 500 | 0 |

| b | 4 | 600 | 2 |

| c | 4 | 700 | 3 |

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

3 rows in set (0.00 sec)

mysql>

mysql> alter table player add(pid int (100)primary key auto\_increment);

Query OK, 0 rows affected, 1 warning (0.23 sec)

Records: 0 Duplicates: 0 Warnings: 1

mysql> desc player;

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

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

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

| name | varchar(200) | NO | | NULL | |

| matches | varchar(200) | YES | | NULL | |

| run | varchar(200) | YES | | NULL | |

| pid | int | NO | PRI | NULL | auto\_increment |

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

4 rows in set (0.00 sec)

mysql> select \* from player;

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

| name | matches | run | pid |

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

| a | 5 | 500 | 1 |

| b | 4 | 600 | 2 |

| c | 4 | 700 | 3 |

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

3 rows in set (0.00 sec)

mysql>

ysql> select \* from player;

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

| name | matches | run | pid |

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

| a | 5 | 500 | 1 |

| b | 4 | 600 | 2 |

| c | 4 | 700 | 3 |

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

3 rows in set (0.00 sec)

mysql> insert into player values("c","4","700","0");

Query OK, 1 row affected (0.05 sec)

mysql> select \* from player;

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

| name | matches | run | pid |

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

| a | 5 | 500 | 1 |

| b | 4 | 600 | 2 |

| c | 4 | 700 | 3 |

| c | 4 | 700 | 4 |

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

4 rows in set (0.00 sec)

mysql>

mysql> create table employee(eid int (100),ename varchar (200),sal int (100)not null check (sal>0));

Query OK, 0 rows affected, 2 warnings (0.23 sec)

mysql> desc employee;

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

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

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

| eid | int | YES | | NULL | |

| ename | varchar(200) | YES | | NULL | |

| sal | int | NO | | NULL | |

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

3 rows in set (0.03 sec)

mysql> insert into employee values(1,"a","1000");

Query OK, 1 row affected (0.08 sec)

mysql> insert into employee values(2,"b","-1000");

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

mysql> create table employee(eid int (100),ename varchar (200),sal int (100)default 5000);