student@root4-G41M-Combo:~$ mysql -u root -proot

mysql: [Warning] Using a password on the command line interface can be insecure.

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

Your MySQL connection id is 8

Server version: 8.0.33-0ubuntu0.20.04.2 (Ubuntu)

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owners.

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

//creating database

mysql> create database quastech1;

Query OK, 1 row affected (0.21 sec)

mysql> use quastech1;

Database changed

//creating tabel

mysql> create table student1(rollno int,name varchar(50),address varchar(90));

Query OK, 0 rows affected (1.25 sec)

mysql> desc student1;

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

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

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

| rollno | int | YES | | NULL | |

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

| address | varchar(90) | YES | | NULL | |

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

3 rows in set (0.01 sec)

//inserting data

mysql> insert into student1(rollno,name,address)values(1,'khush','virar');

Query OK, 1 row affected (0.12 sec)

mysql> insert into student1(rollno,name,address)values(2,'ajit','mira');

Query OK, 1 row affected (0.12 sec)

mysql> insert into student1(rollno,name,address)values(3,'shubham','charkop');

Query OK, 1 row affected (0.15 sec)

mysql> insert into student1(rollno,name,address)values(4,'rupesh','vasai');

Query OK, 1 row affected (0.12 sec)

mysql> insert into student1(rollno,name,address)values(5,'hitesh','virar');

Query OK, 1 row affected (0.12 sec)

//select quearies

mysql> select \* from student1;

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

| rollno | name | address |

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

| 1 | khush | virar |

| 2 | ajit | mira |

| 3 | shubham | charkop |

| 4 | rupesh | vasai |

| 5 | hitesh | virar |

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

5 rows in set (0.00 sec)

mysql> select \* from student1;

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

| rollno | name | address |

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

| 1 | khush | virar |

| 2 | ajit | mira |

| 3 | shubham | charkop |

| 4 | rupesh | vasai |

| 5 | hitesh | virar |

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

5 rows in set (0.00 sec)

//where clause use in this

mysql> select \* from student1 where name='khush';

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

| rollno | name | address |

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

| 1 | khush | virar |

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

1 row in set (0.00 sec)

mysql> select \* from student1 where rollno=2;

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

| rollno | name | address |

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

| 2 | ajit | mira |

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

1 row in set (0.00 sec)

date:-27/06/2023

//primary key

Database changed

Query OK, 0 rows affected (0.75 sec)imary key,name varchar(90),salary int,hiredate date,designation varchar(90));

mysql> desc emp;

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

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

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

| empid | int | NO | PRI | NULL | |

| name | varchar(90) | YES | | NULL | |

| salary | int | YES | | NULL | |

| hiredate | date | YES | | NULL | |

| designation | varchar(90) | YES | | NULL | |

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

5 rows in set (0.01 sec)

//instering queris

mysql> insert into emp(empid,name,salary,hiredate,designation)values(111,'jacob',78000,'2023-02-22','qa');

Query OK, 1 row affected (0.14 sec)

mysql> insert into emp(empid,name,salary,hiredate,designation)values(222,'john',90000,'2023-02-21','qa');

Query OK, 1 row affected (0.13 sec)

mysql> insert into emp(empid,name,salary,hiredate,designation)values(333,'neil',100000,'2021-03-02','test engineer');

Query OK, 1 row affected (0.08 sec)

mysql> insert into emp(empid,name,salary,hiredate,designation)values(444,'daniel',50000,'2021-05-01','scrum master');

Query OK, 1 row affected (0.15 sec)

mysql> insert into emp(empid,name,salary,hiredate,designation)values(666,'pearl',80000,'2021-04-01','ba');

Query OK, 1 row affected (0.10 sec)

mysql> insert into emp(empid,name,salary,hiredate,designation)values(777,'racs',75000,'2000-05-09','test engineer');

Query OK, 1 row affected (0.12 sec)

mysql> insert into emp(empid,name,salary,hiredate,designation)values(888,'mark',77000,'2014-05-09','test engineer');

Query OK, 1 row affected (0.14 sec)

//showing tabel

mysql> select \* from emp;

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

| empid | name | salary | hiredate | designation |

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

| 111 | jacob | 78000 | 2023-02-22 | qa |

| 222 | john | 90000 | 2023-02-21 | qa |

| 333 | neil | 100000 | 2021-03-02 | test engineer |

| 444 | daniel | 50000 | 2021-05-01 | scrum master |

| 666 | pearl | 80000 | 2021-04-01 | ba |

| 777 | racs | 75000 | 2000-05-09 | test engineer |

| 888 | mark | 77000 | 2014-05-09 | test engineer |

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

7 rows in set (0.00 sec)

//WHERE Clouse

mysql> select \* from emp where salary>=75000;

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

| empid | name | salary | hiredate | designation |

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

| 111 | jacob | 78000 | 2023-02-22 | qa |

| 222 | john | 90000 | 2023-02-21 | qa |

| 333 | neil | 100000 | 2021-03-02 | test engineer |

| 666 | pearl | 80000 | 2021-04-01 | ba |

| 777 | racs | 75000 | 2000-05-09 | test engineer |

| 888 | mark | 77000 | 2014-05-09 | test engineer |

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

6 rows in set (0.00 sec)

mysql> select \* from emp where designation='qa';

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

| empid | name | salary | hiredate | designation |

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

| 111 | jacob | 78000 | 2023-02-22 | qa |

| 222 | john | 90000 | 2023-02-21 | qa |

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

2 rows in set (0.00 sec)

mysql> select \* from emp where salary between 50000 and 100000;

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

| empid | name | salary | hiredate | designation |

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

| 111 | jacob | 78000 | 2023-02-22 | qa |

| 222 | john | 90000 | 2023-02-21 | qa |

| 333 | neil | 100000 | 2021-03-02 | test engineer |

| 444 | daniel | 50000 | 2021-05-01 | scrum master |

| 666 | pearl | 80000 | 2021-04-01 | ba |

| 777 | racs | 75000 | 2000-05-09 | test engineer |

| 888 | mark | 77000 | 2014-05-09 | test engineer |

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

7 rows in set (0.00 sec)

mysql> select \* from emp where name like 'j%';

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

| empid | name | salary | hiredate | designation |

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

| 111 | jacob | 78000 | 2023-02-22 | qa |

| 222 | john | 90000 | 2023-02-21 | qa |

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

2 rows in set (0.00 sec)

// altering the table and update

mysql> alter table emp add location varchar(90);

Query OK, 0 rows affected (0.53 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select \* from emp;

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

| empid | name | salary | hiredate | designation | location |

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

| 111 | jacob | 78000 | 2023-02-22 | qa | NULL |

| 222 | john | 90000 | 2023-02-21 | qa | NULL |

| 333 | neil | 100000 | 2021-03-02 | test engineer | NULL |

| 444 | daniel | 50000 | 2021-05-01 | scrum master | NULL |

| 666 | pearl | 80000 | 2021-04-01 | ba | NULL |

| 777 | racs | 75000 | 2000-05-09 | test engineer | NULL |

| 888 | mark | 77000 | 2014-05-09 | test engineer | NULL |

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

7 rows in set (0.00 sec)

//upadting location

ysql> update emp set location='dahiser' where empid=222;

Query OK, 1 row affected (0.15 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update emp set location='mira road' where empid=333;

Query OK, 1 row affected (0.14 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update emp set location='vasai' where empid=444;

Query OK, 1 row affected (0.14 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update emp set location='borivali' where empid=666;

Query OK, 1 row affected (0.10 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update emp set location='virar' where empid=777;

Query OK, 1 row affected (0.14 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update emp set location='virar' where empid=888;

Query OK, 1 row affected (0.10 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from emp;

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

| empid | name | salary | hiredate | designation | location |

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

| 111 | jacob | 78000 | 2023-02-22 | qa | borivali |

| 222 | john | 90000 | 2023-02-21 | qa | dahiser |

| 333 | neil | 100000 | 2021-03-02 | test engineer | mira road |

| 444 | daniel | 50000 | 2021-05-01 | scrum master | vasai |

| 666 | pearl | 80000 | 2021-04-01 | ba | borivali |

| 777 | racs | 75000 | 2000-05-09 | test engineer | virar |

| 888 | mark | 77000 | 2014-05-09 | test engineer | virar |

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

7 rows in set (0.00 sec)

mysql>

// where done using in clause

mysql> select \* from emp where salary in(60000,70000,80000);

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

| empid | name | salary | hiredate | designation | location |

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

| 666 | pearl | 80000 | 2021-04-01 | ba | borivali |

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

1 row in set (0.00 sec)

mysql>

mysql> update emp set location='andheri' where empid in(111,888);

Query OK, 2 rows affected (0.10 sec)

Rows matched: 2 Changed: 2 Warnings: 0

mysql> select \* from emp;

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

| empid | name | salary | hiredate | designation | location |

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

| 111 | jacob | 78000 | 2023-02-22 | qa | andheri |

| 222 | john | 90000 | 2023-02-21 | qa | dahiser |

| 333 | neil | 100000 | 2021-03-02 | test engineer | mira road |

| 444 | daniel | 50000 | 2021-05-01 | scrum master | vasai |

| 666 | pearl | 80000 | 2021-04-01 | ba | borivali |

| 777 | racs | 75000 | 2000-05-09 | test engineer | virar |

| 888 | mark | 77000 | 2014-05-09 | test engineer | andheri |

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

7 rows in set (0.00 sec)

mysql>

//with in clause change

ysql> update emp set location='bandra' where designation in('scrum master','ba');

Query OK, 2 rows affected (0.13 sec)

Rows matched: 2 Changed: 2 Warnings: 0

mysql> select \* from emp;

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

| empid | name | salary | hiredate | designation | location |

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

| 111 | jacob | 78000 | 2023-02-22 | qa | andheri |

| 222 | john | 90000 | 2023-02-21 | qa | dahiser |

| 333 | neil | 100000 | 2021-03-02 | test engineer | mira road |

| 444 | daniel | 50000 | 2021-05-01 | scrum master | bandra |

| 666 | pearl | 80000 | 2021-04-01 | ba | bandra |

| 777 | racs | 75000 | 2000-05-09 | test engineer | virar |

| 888 | mark | 77000 | 2014-05-09 | test engineer | andheri |

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

7 rows in set (0.00 sec)

mysql>

//single row function

//lower and uppper

mysql> select lower(name),upper(location) from emp;

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

| lower(name) | upper(location) |

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

| jacob | ANDHERI |

| john | DAHISER |

| neil | MIRA ROAD |

| daniel | BANDRA |

| pearl | BANDRA |

| racs | VIRAR |

| mark | ANDHERI |

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

7 rows in set (0.01 sec)

//concaTE

mysql> select concat(salary,designation) from emp;

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

| concat(salary,designation) |

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

| 78000qa |

| 90000qa |

| 100000test engineer |

| 50000scrum master |

| 80000ba |

| 75000test engineer |

| 77000test engineer |

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

7 rows in set (0.00 sec)

mysql>

//round using

mysql> select salary/3 from emp;

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

| salary/3 |

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

| 26000.0000 |

| 30000.0000 |

| 33333.3333 |

| 16666.6667 |

| 26666.6667 |

| 25000.0000 |

| 25666.6667 |

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

7 rows in set (0.00 sec)

mysql> select round(salary/3) from emp;

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

| round(salary/3) |

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

| 26000 |

| 30000 |

| 33333 |

| 16667 |

| 26667 |

| 25000 |

| 25667 |

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

7 rows in set (0.00 sec)

mysql>

//substr using

mysql> select substr(hiredate,4,3) from emp;

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

| substr(hiredate,4,3) |

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

| 3-0 |

| 3-0 |

| 1-0 |

| 1-0 |

| 1-0 |

| 0-0 |

| 4-0 |

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

7 rows in set (0.00 sec)

mysql>

//using length

mysql> select length(location) from emp;

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

| length(location) |

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

| 7 |

| 7 |

| 9 |

| 6 |

| 6 |

| 5 |

| 7 |

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

7 rows in set (0.00 sec)

mysql>

//DATE 28-06-2023

mysql> select substr(hiredate,9,3) from emp;

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

| substr(hiredate,9,3) |

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

| 22 |

| 21 |

| 02 |

| 01 |

| 01 |

| 09 |

| 09 |

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

7 rows in set (0.00 sec)

mysql>

mysql> select \* from emp where location='bandra' and salary>50000;

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

| empid | name | salary | hiredate | designation | location |

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

| 666 | pearl | 80000 | 2021-04-01 | ba | bandra |

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

1 row in set (0.00 sec)

//aggresion

mysql> select max(salary),min(salary),avg(salary),sum(salary),count(hiredate) from emp;

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

| max(salary) | min(salary) | avg(salary) | sum(salary) | count(hiredate) |

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

| 100000 | 50000 | 78571.4286 | 550000 | 7 |

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

1 row in set (0.02 sec)

//group by clouse in aggregate function

//display the count of employee in each location

mysql> select count(empid) from emp group by location;

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

| count(empid) |

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

| 2 |

| 1 |

| 1 |

| 2 |

| 1 |

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

5 rows in set (0.00 sec)

mysql> select count(empid), location from emp group by location;

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

| count(empid) | location |

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

| 2 | andheri |

| 1 | dahiser |

| 1 | mira road |

| 2 | bandra |

| 1 | virar |

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

5 rows in set (0.00 sec)

mysql>

//having clouse

//having clouse only work with group by\*

mysql> select count(empid), location from emp group by location having count(empid)>1;

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

| count(empid) | location |

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

| 2 | andheri |

| 2 | bandra |

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

2 rows in set (0.00 sec)

//display the higesht paid salary by designation

mysql> select max(salary),designation from emp group by designation;

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

| max(salary) | designation |

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

| 90000 | qa |

| 100000 | test engineer |

| 50000 | scrum master |

| 80000 | ba |

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

4 rows in set (0.00 sec)

mysql> select min(salary),location from emp group by location;

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

| min(salary) | location |

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

| 77000 | andheri |

| 90000 | dahiser |

| 100000 | mira road |

| 50000 | bandra |

| 75000 | virar |

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

5 rows in set (0.00 sec)

mysql>

//display highest paid emp details

mysql> select \* from emp where salary=(select max(salary) from emp);

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

| empid | name | salary | hiredate | designation | address |

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

| 333 | neil | 100000 | 2021-03-02 | test engineer | mira road |

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

1 row in set (0.02 sec)

mysql>

//display the second highest salary

//it is 3 sub quiers

//do it by half half

mysql> select \* from emp where salary=(select max(salary) from emp where salary<(select max(salary) from emp));

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

| empid | name | salary | hiredate | designation | address |

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

| 222 | john | 90000 | 2023-02-21 | qa | dahiser |

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

1 row in set (0.00 sec)

//date :- 29-06-2023

// display heighst paid salary according to designation(it is a group query that why use in clause );

mysql> select \* from emp where salary in(select max(salary) from emp group by designation);

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

| empid | name | salary | hiredate | designation | address |

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

| 222 | john | 90000 | 2023-02-21 | qa | dahiser |

| 333 | neil | 100000 | 2021-03-02 | test engineer | mira road |

| 444 | daniel | 50000 | 2021-05-01 | scrum master | bandra |

| 666 | pearl | 80000 | 2021-04-01 | ba | bandra |

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

4 rows in set (0.02 sec)

mysql>

//display highest paid and lowest paid salary employee details

mysql> select \* from emp where salary in((select max(salary) from emp),(select min(salary)from emp));

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

| empid | name | salary | hiredate | designation | address |

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

| 333 | neil | 100000 | 2021-03-02 | test engineer | mira road |

| 555 | khush | 20000 | 2023-02-01 | qa | nallasopara |

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

2 rows in set (0.00 sec)

//display the emp detail from designation is qa and address is dahiser

mysql> select \* from emp where designation='qa' and address='dahiser';

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

| empid | name | salary | hiredate | designation | address |

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

| 222 | john | 90000 | 2023-02-21 | qa | dahiser |

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

1 row in set (0.00 sec)

//display the emp detail from designation is qa and designation and address is dahiser

mysql> select \* from emp where designation in('qa','test engineer') and address='andheri';

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

| empid | name | salary | hiredate | designation | address |

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

| 111 | jacob | 78000 | 2023-02-22 | qa | andheri |

| 888 | mark | 77000 | 2014-05-09 | test engineer | andheri |

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

2 rows in set (0.00 sec)

mysql>

//joins

//inner joins

ysql> select \* from student1 inner join placement on student1.rollno=placement.rollno;

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

| rollno | name | address | rollno | company |

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

| 1 | khush | virar | 1 | tcs |

| 2 | ajit | mira | 2 | alpha |

| 3 | shubham | charkop | 3 | tcs |

| 5 | hitesh | virar | 5 | alpha |

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

4 rows in set (0.00 sec)

mysql>

//left outer

mysql> select \* from student1 left outer join placement on student1.rollno=placement.rollno;

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

| rollno | name | address | rollno | company |

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

| 1 | khush | virar | 1 | tcs |

| 2 | ajit | mira | 2 | alpha |

| 3 | shubham | charkop | 3 | tcs |

| 4 | rupesh | vasai | NULL | NULL |

| 5 | hitesh | virar | 5 | alpha |

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

5 rows in set (0.00 sec)

//outer joins

mysql> select \* from student1 right outer join placement on student1.rollno=placement.rollno;

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

| rollno | name | address | rollno | company |

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

| 1 | khush | virar | 1 | tcs |

| 2 | ajit | mira | 2 | alpha |

| 3 | shubham | charkop | 3 | tcs |

| NULL | NULL | NULL | 6 | beta |

| 5 | hitesh | virar | 5 | alpha |

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

5 rows in set (0.00 sec)

mysql>

//drop

// that drop command is use for only delete colum;

mysql> alter table student1 drop address;

Query OK, 0 rows affected (0.57 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select \* from student1;

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

| rollno | name |

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

| 2 | ajit |

| 3 | shubham |

| 4 | rupesh |

| 5 | hitesh |

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

4 rows in set (0.00 sec)

// in this we drop comlete table

mysql> drop table student1;

Query OK, 0 rows affected (0.44 sec)

mysql> select \* from student1;

ERROR 1146 (42S02): Table 'quastech1.student1' doesn't exist

mysql>

// truncate only delete the data

mysql> truncate table student1;

Query OK, 0 rows affected (1.58 sec)

mysql> select \* from student1;

Empty set (0.00 sec)

mysql> desc student1;

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

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

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

| rollno | int | YES | | NULL | |

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

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

2 rows in set (0.00 s

//rollback with delete

mysql> start transaction;

Query OK, 0 rows affected (0.00 sec)

mysql> savepoint s1;

Query OK, 0 rows affected (0.00 sec)

mysql> delete from placement where rollno=6;

Query OK, 1 row affected (0.00 sec)

mysql> select \* from placement;

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

| rollno | company |

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

| 1 | tcs |

| 2 | alpha |

| 3 | tcs |

| 5 | alpha |

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

4 rows in set (0.00 sec)

mysql> rollback to s1;

Query OK, 0 rows affected (0.06 sec)

mysql> select \* from placement;

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

| rollno | company |

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

| 1 | tcs |

| 2 | alpha |

| 3 | tcs |

| 6 | beta |

| 5 | alpha |

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

5 rows in set (0.01 sec)

mysql>

//truncate not work with roll back

mysql> start transaction;

Query OK, 0 rows affected (0.00 sec)

mysql> savepoint s3;

Query OK, 0 rows affected (0.00 sec)

mysql> truncate table placement;

Query OK, 0 rows affected (1.06 sec)

mysql> select \* from placement;

Empty set (0.00 sec)

mysql> rollback to s3;

ERROR 1305 (42000): SAVEPOINT s3 does not exist

mysql>

//03-07-2023

//foreign key

create table dept(empid int,no int, foreign key(empid) references emp(empid));

Query OK, 0 rows affected (0.81 sec)

mysql> insert into dept(empid,no) values(222,50),(777,60),(888,60);

Query OK, 3 rows affected (0.12 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> select \* from dept;

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

| empid | no |

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

| 222 | 50 |

| 777 | 60 |

| 888 | 60 |

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

3 rows in set (0.00 sec)

//entering diff detail but not accepted cause it use parent table refrences(emp) so same empid they allow

mysql> insert into dept(empid,no) values(225,50);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`quastech1`.`dept`, CONSTRAINT `dept\_ibfk\_1` FOREIGN KEY (`empid`) REFERENCES `emp` (`empid`))

mysql>