Enter password: \*\*\*

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

Your MySQL connection id is 3

Server version: 5.0.45-community-nt MySQL Community Edition (GPL)

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> use practical;

Database changed

mysql> create table order1(OrderId int(3),order\_date date,Order\_name varchar(30)

);

Query OK, 0 rows affected (0.05 sec)

mysql> desc order1;

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

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

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

| OrderId | int(3) | YES | | NULL | |

| order\_date | date | YES | | NULL | |

| Order\_name | varchar(30) | YES | | NULL | |

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

3 rows in set (0.00 sec)

mysql> alter table order1 add constraint primary key(OrderId);

Query OK, 0 rows affected (0.08 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc order1;

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

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

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

| OrderId | int(3) | NO | PRI | 0 | |

| order\_date | date | YES | | NULL | |

| Order\_name | varchar(30) | YES | | NULL | |

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

3 rows in set (0.00 sec)

mysql> create table customer(c\_id int(3) primary key,c\_name varchar(15),address

varchar(10),OrderId int(3),foreign key(OrderId) references order1(OrderId));

Query OK, 0 rows affected (0.06 sec)

mysql> desc customer;

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

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

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

| c\_id | int(3) | NO | PRI | | |

| c\_name | varchar(15) | YES | | NULL | |

| address | varchar(10) | YES | | NULL | |

| OrderId | int(3) | YES | MUL | NULL | |

4 rows in set (0.00 sec)

mysql> insert into order1 values(1,"2024/07/01","Book");

ERROR 1062 (23000): Duplicate entry '1' for key 1

mysql> truncate table order1;

Query OK, 4 rows affected (0.03 sec)

mysql> insert into order1 values(1,"2024/07/01","Book");

Query OK, 1 row affected (0.03 sec)

mysql> insert into order1 values(2,"2024/07/02","Pen");

Query OK, 1 row affected (0.03 sec

mysql> insert into order1 values(3,"2024/07/03","Pen");

Query OK, 1 row affected (0.02 sec)

mysql> insert into order1 values(4,"2024/07/04","Scale");

Query OK, 1 row affected (0.03 sec)

mysql> insert into order1 values(5,"2024/07/05","Notebook");

Query OK, 1 row affected (0.02 sec)

mysql> select \* from order1;

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

| OrderId | order\_date | Order\_name |

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

| 1 | 2024-07-01 | Book |

| 2 | 2024-07-02 | Pen |

| 3 | 2024-07-03 | Pen |

| 4 | 2024-07-04 | Scale |

| 5 | 2024-07-05 | Notebook |

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

5 rows in set (0.02 sec)

mysql> insert into customer values(01,"Sanika","Pune");

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

mysql> insert into customer values(01,"Sanika","Pune",1);

Query OK, 1 row affected (0.03 sec)

mysql> insert into customer values(02,"Srushti","Warje",2);

Query OK, 1 row affected (0.02 sec)

mysql> insert into customer values(03,"Sakshi","Ambegaon",4);

Query OK, 1 row affected (0.03 sec)

mysql> insert into customer values(04,"Snehal","Warje",3);

Query OK, 1 row affected (0.03 sec)

mysql> insert into customer values(05,"Shreya","Pune",5);

Query OK, 1 row affected (0.02 sec)

mysql> select \* from customer;

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

| c\_id | c\_name | address | OrderId |

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

| 1 | Sanika | Pune | 1 |

| 2 | Srushti | Warje | 2 |

| 3 | Sakshi | Ambegaon | 4 |

| 4 | Snehal | Warje | 3 |

| 5 | Shreya | Pune | 5 |

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

5 rows in set (0.00 sec)

mysql> select order1.OrderId,order1.Order\_name,customer.c\_id from order1

-> inner join customer on

-> order1.OrderId=customer.OrderId;

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

| OrderId | Order\_name | c\_id |

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

| 1 | Book | 1 |

| 2 | Pen | 2 |

| 3 | Pen | 4 |

| 4 | Scale | 3 |

| 5 | Notebook | 5 |

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

5 rows in set (0.01 sec)

mysql> select order1.OrderId,order1.order\_date,customer.c\_name from order1

-> left join customer on

-> order1.OrderId=customer.OrderId;

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

| OrderId | order\_date | c\_name |

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

| 1 | 2024-07-01 | Sanika |

| 2 | 2024-07-02 | Srushti |

| 3 | 2024-07-03 | Snehal |

| 4 | 2024-07-04 | Sakshi |

| 5 | 2024-07-05 | Shreya |

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

5 rows in set (0.02 sec)

mysql> select customer.c\_id,customer.OrderId,order1.Order\_name from customer

-> right join order1 on

-> order1.OrderId=customer.OrderId;

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

| c\_id | OrderId | Order\_name |

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

| 1 | 1 | Book |

| 2 | 2 | Pen |

| 4 | 3 | Pen |

| 3 | 4 | Scale |

| 5 | 5 | Notebook |

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

5 rows in set (0.00 sec)

mysql> select order1.OrderId,order1.Order\_name,customer.c\_name from order1

-> cross join customer on

-> order1.OrderId=customer.OrderId;

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

| OrderId | Order\_name | c\_name |

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

| 1 | Book | Sanika |

| 2 | Pen | Srushti |

| 4 | Scale | Sakshi |

| 3 | Pen | Snehal |

| 5 | Notebook | Shreya |

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

5 rows in set (0.00 sec)

mysql> select order1.OrderId,order1.Order\_name,customer.c\_name from order1

-> cross join customer;

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

| OrderId | Order\_name | c\_name |

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

| 1 | Book | Sanika |

| 2 | Pen | Sanika |

| 3 | Pen | Sanika |

| 4 | Scale | Sanika |

| 5 | Notebook | Sanika |

| 1 | Book | Srushti |

| 2 | Pen | Srushti |

| 3 | Pen | Srushti |

| 4 | Scale | Srushti |

| 5 | Notebook | Srushti |

| 1 | Book | Sakshi |

| 2 | Pen | Sakshi |

| 3 | Pen | Sakshi |

| 4 | Scale | Sakshi |

| 5 | Notebook | Sakshi |

| 1 | Book | Snehal |

| 2 | Pen | Snehal |

| 3 | Pen | Snehal |

| 4 | Scale | Snehal |

| 5 | Notebook | Snehal |

| 1 | Book | Shreya |

| 2 | Pen | Shreya |

| 3 | Pen | Shreya |

| 4 | Scale | Shreya |

| 5 | Notebook | Shreya |

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

25 rows in set (0.00 sec)

mysql> select \* from order1

-> inner join customer on

-> order1.OrderId=customer.OrderId;

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

| OrderId | order\_date | Order\_name | c\_id | c\_name | address | OrderId |

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

| 1 | 2024-07-01 | Book | 1 | Sanika | Pune | 1 |

| 2 | 2024-07-02 | Pen | 2 | Srushti | Warje | 2 |

| 4 | 2024-07-04 | Scale | 3 | Sakshi | Ambegaon | 4 |

| 3 | 2024-07-03 | Pen | 4 | Snehal | Warje | 3 |

| 5 | 2024-07-05 | Notebook | 5 | Shreya | Pune | 5 |

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

5 rows in set (0.00 sec)

mysql> select \* from customer

-> inner join order1 on

-> customer.OrderId=order1.OrderId;

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

| c\_id | c\_name | address | OrderId | OrderId | order\_date | Order\_name |

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

| 1 | Sanika | Pune | 1 | 1 | 2024-07-01 | Book |

| 2 | Srushti | Warje | 2 | 2 | 2024-07-02 | Pen |

| 4 | Snehal | Warje | 3 | 3 | 2024-07-03 | Pen |

| 3 | Sakshi | Ambegaon | 4 | 4 | 2024-07-04 | Scale |

| 5 | Shreya | Pune | 5 | 5 | 2024-07-05 | Notebook |

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

5 rows in set (0.00 sec)

mysql>

Enter password: \*\*\*

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

Your MySQL connection id is 4

Server version: 5.0.45-community-nt MySQL Community Edition (GPL)

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> show databases;

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

| Database |

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

| information\_schema |

| ass4 |

| login1 |

| mysql |

| practical |

| student |

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

6 rows in set (0.00 sec)

mysql> use practical;

Database changed

mysql> show tables;

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

| Tables\_in\_practical |

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

| customer |

| order1 |

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

2 rows in set (0.00 sec)

mysql> select \* from customer;

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

| c\_id | c\_name | address | OrderId |

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

| 1 | Sanika | Pune | 1 |

| 2 | Srushti | Warje | 2 |

| 3 | Sakshi | Ambegaon | 4 |

| 4 | Snehal | Warje | 3 |

| 5 | Shreya | Pune | 5 |

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

5 rows in set (0.14 sec)

mysql> select \* from order1;

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

| OrderId | order\_date | Order\_name |

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

| 1 | 2024-07-01 | Book |

| 2 | 2024-07-02 | Pen |

| 3 | 2024-07-03 | Pen |

| 4 | 2024-07-04 | Scale |

| 5 | 2024-07-05 | Notebook |

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

5 rows in set (0.05 sec)

mysql> create view v1 as select c\_id,c\_name from cust;

ERROR 1146 (42S02): Table 'practical.cust' doesn't exist

mysql> create view v1 as select c\_id,c\_name from customer;

Query OK, 0 rows affected (0.05 sec)

mysql> select \* from v1;

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

| c\_id | c\_name |

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

| 1 | Sanika |

| 2 | Srushti |

| 3 | Sakshi |

| 4 | Snehal |

| 5 | Shreya |

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

5 rows in set (0.00 sec)

mysql> create view v2 as select OrderId,Order\_name from order1 where

-> OrderId=(select OrderId from customer where c\_name='Sanika');

Query OK, 0 rows affected (0.02 sec)

mysql> select \* from v2;

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

| OrderId | Order\_name |

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

| 1 | Book |

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

1 row in set (0.00 sec)

mysql> drop view v1;

Query OK, 0 rows affected (0.00 sec)

mysql> drop view v2;

Query OK, 0 rows affected (0.00 sec)

mysql>