**Create table queries**: **→**

mysql> create table supplier(

-> ssup\_id int primary key,

-> ssup\_name varchar(10),

-> ssup\_city varchar(10),

-> ssup\_phone int(10));

Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> create table customer(

-> cus\_id int primary key,

-> cus\_name varchar(10),

-> cus\_phone int(10),

-> cus\_city varchar(10),

-> cus\_gender char(1));

Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> create table category(

-> cat\_id int primary key,

-> cat\_name varchar(10));

Query OK, 0 rows affected (0.02 sec)

mysql> create table product(

-> pro\_id int primary key,

-> pro\_name varchar(10),

-> pro\_desc varchar(10),

-> cat\_id int,

-> foreign key(cat\_id) references category(cat\_id));

Query OK, 0 rows affected (0.02 sec)

mysql> create table productdetails(

-> prod\_id int primary key,

-> pro\_id int,

-> foreign key(pro\_id) references product(pro\_id),

-> ssup\_id int,

-> foreign key(ssup\_id) references supplier(ssup\_id),

-> price int(5));

Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> create table eorder(

-> ord\_id int primary key,

-> ord\_amount int(10),

-> ord\_date date,

-> cus\_id int,

-> foreign key(cus\_id) references customer(cus\_id),

-> prod\_id int,

-> foreign key(prod\_id) references productdetails(prod\_id));

Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> create table rating(

-> rat\_id int primary key,

-> cus\_id int,

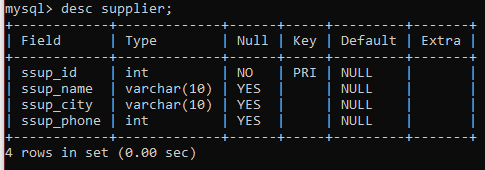
-> foreign key(cus\_id) references customer(cus\_id),

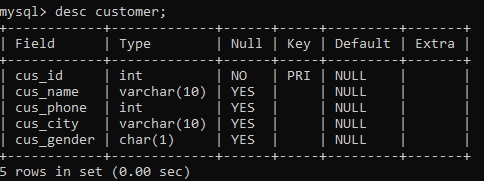
-> ssup\_id int,

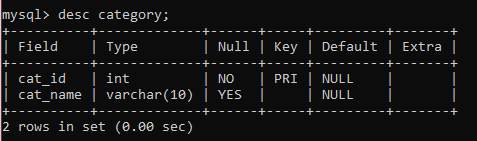
-> foreign key(ssup\_id) references supplier(ssup\_id),

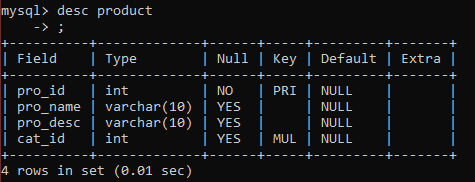
-> rat\_ratstars int(2));

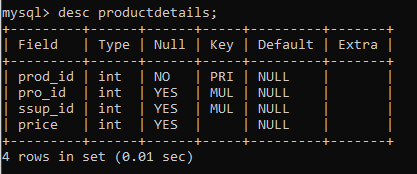
Query OK, 0 rows affected, 1 warning (0.02 sec)

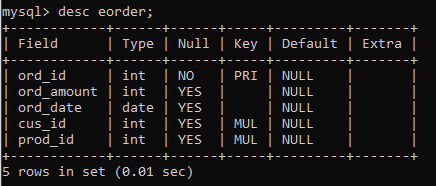


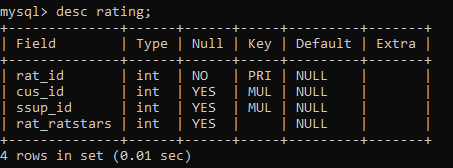


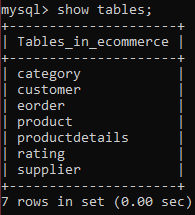












**Insert values into table queries**: **→**

insert into ecommerce.supplier values(1, "Rajesh", "Delhi", 1234567890);

insert into ecommerce.supplier values(2, "Appario", "Mumbai", 258963147);

insert into ecommerce.supplier values(3, "Knome pro", "Banglore", 978546231);

insert into ecommerce.supplier values(4, "Bansal Rt", "Kochi", 897546328);

insert into ecommerce.supplier values(5, "Mittal Ltd", "Lucknow", 789845653);

insert into ecommerce.customer values(1, "AAKASH", 999999999, "DELHI", 'M');

insert into ecommerce.customer values(2, "AMAN", 978546321, "NOIDA", 'M');

insert into ecommerce.customer values(3, "NEHA", 999999999, "MUMBAI", 'F');

insert into ecommerce.customer values(4, "MEGHA", 999456239, "KOLKATA", 'F');

insert into ecommerce.customer values(5, "PULKIT", 789599999, "LUCKNOW", 'M');

insert into ecommerce.category values(1, "Books")**;**

insert into ecommerce.category values(2, "Games");

insert into ecommerce.category values(3, "GROCERIES");

insert into ecommerce.category values(4, "ELECTRONIC");

insert into ecommerce.category values(5, "CLOTHES");

insert into ecommerce.product values(1, "GTA V", "asdasdasd", 2);

insert into ecommerce.product values(2, "T SHIRT", "JHGJGHJFGH", 5);

insert into ecommerce.product values(3, "LAPTOP", "EHRWWBRNBR", 4);

insert into ecommerce.product values(4, "oats", "jksdfsndft", 3);

insert into ecommerce.product values(5, "HARRY POT.", "MXCVCXMEM", 1);

insert into ecommerce.productdetails values(1, 1, 2, 1500);

insert into ecommerce.productdetails values(2, 3, 5, 30000);

insert into ecommerce.productdetails values(3, 5, 1, 3000);

insert into ecommerce.productdetails values(4, 2, 3, 2500);

insert into ecommerce.productdetails values(5, 4, 1, 1000);

insert into ecommerce.eorder values(20, 1500, '2021-10-12', 3, 5);

insert into ecommerce.eorder values(25, 30500, '2021-09-16', 5, 2);

insert into ecommerce.eorder values(26, 2000, '2021-10-05', 1, 1);

insert into ecommerce.eorder values(30, 3500, '2021-08-16', 4, 3);

insert into ecommerce.eorder values(50, 2000, '2021-10-06', 2, 1);

insert into ecommerce.rating values(1, 2, 2, 4);

insert into ecommerce.rating values(2, 3, 4, 3);

insert into ecommerce.rating values(3, 5, 1, 5);

insert into ecommerce.rating values(4, 1, 3, 2);

insert into ecommerce.rating values(5, 4, 5, 4);

**Queries: →**

1. select c.cus\_id, c.cus\_name, c.cus\_phone, c.cus\_gender, e.ord\_id, e.ord\_amount, e.ord\_date

from ecommerce.customer c

join ecommerce.eorder e on e.cus\_id = c.cus\_id

where e.ord\_amount>=3000

group by c.cus\_gender;



1. select e.ord\_id, e.ord\_amount, e.ord\_date, c.cus\_id, c.cus\_name, c.cus\_phone, c.cus\_city, pd.price, p.pro\_name, p.pro\_desc

from ecommerce.eorder e

join ecommerce.customer c on c.cus\_id = e.cus\_id

join ecommerce.productdetails pd on pd.prod\_id = e.prod\_id

join ecommerce.product p on p.pro\_id = pd.pro\_id

where c.cus\_id=2;



1. select s.\*

from ecommerce.supplier s

join ecommerce.productdetails pd on pd.ssup\_id = s.ssup\_id

having count(pd.pro\_id)>1



1. select cat\_name, pro\_name, price, ord\_amount, ord\_date

from ecommerce.category c

join ecommerce.product p on p.cat\_id = c.cat\_id

join ecommerce.productdetails pd on pd.pro\_id = p.pro\_id

join ecommerce.eorder e on e.prod\_id = pd.prod\_id

where e.ord\_amount<2000



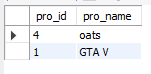
1. select p.pro\_id, p.pro\_name

from ecommerce.product p

join ecommerce.productdetails pd on pd.pro\_id = p.pro\_id

join ecommerce.eorder e on e.prod\_id = pd.prod\_id

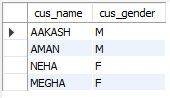
where e.ord\_date>'2021-10-05'



1. select cus\_name, cus\_gender

from ecommerce.customer c

where c.cus\_name like '%A' or c.cus\_name like 'A%'



1. DELIMITER //

CREATE PROCEDURE SupplierRating()

BEGIN

select s.ssup\_id, s.ssup\_name, r.rat\_ratstars,

case

when r.rat\_ratstars > 4 then "Geniune Supplier"

when r.rat\_ratstars > 2 then "Average Supplier"

else "Supplier should not be considered"

END as 'RatingTest'

from

supplier s

join rating r on r.ssup\_id = s.ssup\_id;

END//

DELIMITER ;

