**- Q03**

select C\_O.CUS\_GENDER as 'Gender', count(C\_O.CUS\_GENDER) as 'NoOfCustomers' from (

select c.cus\_id, c.cus\_name, c.cus\_gender from customer c inner join

`order` o on c.cus\_id = o.cus\_id

where o.ORD\_AMOUNT >= 3000

group by c.cus\_id

) as C\_O

group by C\_O.cus\_gender

**- Q04**

select o.cus\_id, o.ord\_id, o.ORD\_AMOUNT, o.ORD\_DATE, sp.SUPP\_PRICE,

p.PRO\_NAME from `order` o

inner join supplier\_pricing sp

inner join product p

on (o.PRICING\_ID = sp.PRICING\_ID AND sp.PRO\_ID = p.PRO\_ID)

where o.CUS\_Id = 2;

**- Q05**

select s.\*, NoOfProducts\_Supplied from supplier s

inner join (

select supp\_id, count(pro\_id) as NoOfProducts\_Supplied from supplier\_pricing

group by supp\_id

HAVING NoOfProducts\_Supplied > 1

) as sp

on s.supp\_id = sp.supp\_id

**- Q06**

select P\_SP.\* from category C

inner join (

select P.cat\_id, P.pro\_id, P.pro\_name, Minimal\_Product\_Price from product P inner join (

select pro\_id, min(SUPP\_PRICE) Minimal\_Product\_Price from supplier\_pricing

group by pro\_id

) as SP

on p.PRO\_ID = SP.PRO\_ID

) as P\_SP

ON (C.CAT\_ID = P\_SP.CAT\_ID)

**- Q07**

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

-- o.ord\_id, o.ORD\_AMOUNT, o.ORD\_DATE, sp.SUPP\_PRICE

from `order` o

inner join supplier\_pricing sp

inner join product p

on (o.PRICING\_ID = sp.PRICING\_ID AND sp.PRO\_ID = p.PRO\_ID)

where o.ORD\_DATE >= "2021-10-05"

group by p.PRO\_ID;

**- Q08**

SELECT cus\_id, cus\_name FROM ecommerce.customer where

cus\_name like 'A%'

OR

cus\_name like '%A';

**- Q09**

delimiter //

CREATE DEFINER=`root`@`localhost` PROCEDURE `DisplaySupplierRatingDetails`()

BEGIN

SELECT SUPP\_ID, SUPP\_NAME, AverageRating,

CASE

WHEN AverageRating = 5 THEN 'Excellent Service'

WHEN AverageRating > 4 THEN 'Good Service'

WHEN AverageRating > 2 THEN 'Average Service'

ELSE 'Poor Service'

END As ServiceType

FROM (

select s.SUPP\_ID, s.SUPP\_NAME, avg(r.RAT\_RATSTARS) AverageRating

from rating r

inner join `order` o

inner join supplier\_pricing sp

inner join supplier s

on (

r.ORD\_ID = o.ORD\_ID AND

o.PRICING\_ID = sp.PRICING\_ID AND

sp.SUPP\_ID = s.SUPP\_ID

)

group by supp\_id

) as SUPP\_RATING\_SP;

END;

call DisplaySupplierRatingDetails();