**Answers of LAB-4 Questions**

Write queries for the following:

1. Display the total number of customers based on gender who have placed orders of worth at least Rs.3000.
2. Display all the orders along with product name ordered by a customer having Customer\_Id=2
3. Display the Supplier details who can supply more than one product.
4. Find the least expensive product from each category and print the table with category id, name, product name and price of the product
5. Display the Id and Name of the Product ordered after “2021-10-05”.
6. Display customer name and gender whose names start or end with character 'A'.
7. Create a stored procedure to display supplier id, name, rating and Type\_of\_Service. For Type\_of\_Service, If rating =5, print “Excellent Service”,If rating >4 print “Good Service”, If rating >2 print “Average Service” else print “Poor Service”.

**My Queries:-**

**Ans 3)**

select customer.cus\_id,customer.cus\_name,customer.cus\_gender,orders.ord\_amount from customer

inner join (select ord\_amount, cus\_id from orders where ord\_amount>=3000 group by cus\_id) orders

on customer.cus\_id = orders.cus\_id;

**Ans 4)**

select pro.pro\_name,ord.\* from orders ord

inner join supplier\_pricing sp on ord.pricing\_id = sp.pricing\_id

inner join product pro on sp.pro\_id = pro.pro\_id

where ord.cus\_id=2;

**Ans 5)**

select \* from supplier

where supp\_id in(select supp\_id from supplier\_pricing group by supp\_id having count(supp\_id)>1);

**Ans 6)**

select ct.cat\_id,ct.cat\_name,pro.pro\_name, min(sp.supp\_price) price from category ct

inner join product pro on ct.cat\_id = pro.cat\_id

inner join supplier\_pricing sp on pro.pro\_id = sp.pro\_id

group by ct.cat\_id;

**Ans 7)**

SELECT pro.pro\_id, pro.pro\_name,ord.ord\_date from product as pro

inner join supplier\_pricing as sp on pro.pro\_id = sp.pro\_id

inner join orders as ord on sp.pricing\_id = ord.pricing\_id where ord\_date > '2021-10-05';

**Ans 8)**

select \* from customer where cus\_name like '%A%';

**Ans 9)**

select supp\_id, supp\_name, sum\_of\_rating/count\_of\_rating as rating ,

case when rating = 5 then 'Excellent survice'

when rating = 4 then 'Good Survice'

when rating = 2 then 'Average survice'

else 'poor Survice'

end As 'Type of survice'

from (select sup.supp\_id, supp\_name, rat\_ratstars rating , sum(rat\_ratstars) sum\_of\_rating, count(rat\_ratstars) count\_of\_rating

from supplier sup

inner join supplier\_pricing sp

on sup.supp\_id = sp.supp\_id

inner join orders ors

on sp.pricing\_id = ors.pricing\_id

inner join rating rt

on ors.ord\_id = rt.ord\_id

group by sup.supp\_id) a;