**DAY-7 & 8**

Q.1 Write a query to list the employee details along with manager name ,manager's phone number and employees department detail

ANS:

select d.id,

d.department\_name,

d.hod\_id,

d.created\_on,

d.updated\_on,

c.contact\_no,

e.Id AS "Manager ID",e.name AS "Manager Name",

e.manager\_id AS "Emp\_ID",e.name AS "Employee Name"

FROM employeee e

inner join department d

on e.department\_id= d.id

inner join contact\_details c

on e.contact\_details\_id=c.Id

WHERE e.Id = e.manager\_id



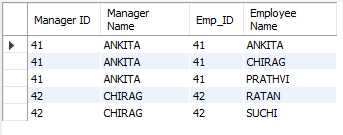
~ (SELF JOINING OF EMPLOYEEE TABLE WITH MANAGER\_ID)

SELECT a.Id AS "Manager ID",a.name AS "Manager Name",

b.manager\_id AS "Emp\_ID",b.name AS "Employee Name"

FROM employeee a, employeee b

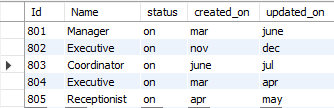
WHERE a.Id = b.manager\_id;



{As designation table show that designation\_id of 801, is the manager

So,in employee table the employee ‘ankita’ is itself a ‘manager’}

Desgination Table :



Q.2 Write a query to list customers with there overall order amount

ANS: SELECT c.customer\_name,o.order\_quantity,p.price,

p.product\_code,

sum(order\_quantity\*price) as amount

FROM product p

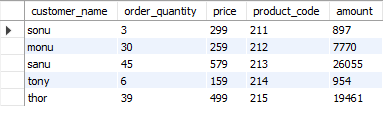
inner join orderr o

on p.Id=o.product\_id

inner join customer c

on c.Id=o.customer\_id

group by (c.Id)



Q.3 Write a query to list the number of orders yet to be dispatched to the customer

ANS:

select c.Id as customer\_id,d.dispatched\_quantity,

sum(o.order\_quantity-d.dispatched\_quantity) as yet\_to\_be\_dispatched

from orderr o

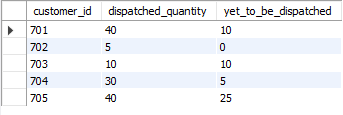
inner join dispatchment\_detail d

on d.order\_id=o.Id

inner join customer c

on c.Id=o.customer\_id

group by (c.Id);



Q.4 Write a query which calculate the average bonus amount received by group of employees based on their department

ANS: SELECT department\_name,

salary\_type,

avg(amount) as average\_amount

from department d

inner join employeee e

on e.department\_id=d.id

inner join employee\_salary\_details s

on e.Id=s.employee\_id

where salary\_type='bonus'

group by (e.Id);



Q.5 List the customer details along with there order details [amount,price,order date,quantity,order\_status and the percentage of order completed, product details]

ANS:

select o.order\_date,o.order\_quantity,p.price,s.order\_status,p.product\_code,

sum(order\_quantity\*price) as amount,

sum(dispatched\_quantity)/(order\_quantity)\*100,

concat(p.product\_type\_code,p.product\_code) as product\_id

from product p

inner join orderr o

on p.Id=o.product\_id

inner join order\_status s

on o.order\_status\_id=s.Id

inner join dispatchment\_detail d

on d.order\_id=o.Id

where (s.status='completed')

group by (product\_id);

