

\* Assignment - 4 \*

\* Window Function \*

- 1] Find Employees whose salary exceeds the company's average salary.  
Select \* from EmployeeDetail  
where salary > (select avg (salary)  
from employeeDetail);
- 2] Retrieve Employee who work in same department as 'John Doe'.  
Select \* from EmployeeDetail  
where department = (select department  
from employeeDetail  
where first\_name = 'John' and last\_name = 'Doe');
- 3] Find second highest salary without using MAX () twice.  
Select Distinct salary from employeeDetail  
order by salary Desc Limit 1 offset 1;
- 4] Find customers who placed more than 5 orders.  
Select CustomerID from orders  
group by CustomerID having count (orderid) > 5;
- 5] Count the total number of order for each customer.  
Select customerID, count (orderid)  
as total order from orders group by customerID;



6. Find employee who joined in last 6 months  
Select \* from employee detail where  
JoinDate >= Date - Sub(Curdate(),  
Interval 6 month);

7. Calculate the total sales amount for each product.  
Select ProductID, sum(Quantity \* Price)  
as totalsales from orders Group by product  
id;

8. List products that have never been sold.  
Select \* from products  
where productID NOT in  
(select distinct Product id from orders);

9. Remove duplicate Rows from table.  
Delete from EmployeeDetail  
where employeeID NOT In  
(select Min(employeeID) from employee detail  
group by firstname, lastname, salary);

10. find the top 10 customer who haven't ordered  
in the past year.  
Select CustomerID from orders  
where Orderdate < date - sub(Curdate(),  
Interval 1 year) limit 10;

11. Find employee with highest salary in each department.

Select department, max (salary)  
as highest salary from employee detail  
group by department;

12. find employee who have the same salary.

Select Salary, Group - concat  
(first name, ' ', lastname) as employee  
from employee detail  
group by Salary having count(\*) > 1;

13. find customers who ordered a specific product.

Select customer ID from Order  
where ProductID = (select ProductID from  
products where productname = 'specific product');