**1.Select nth highest salary and name from emp table**

SELECT DISTINCT (a.empsalary),a.Employee\_Name FROM empData A WHERE N =(SELECT COUNT (DISTINCT (b.empsalary)) FROM empData B WHERE a.empsalary<=b.empsalary);

--where N is your number (2nd or 5th)

e.g SELECT DISTINCT (a.empsalary),a.Employee\_Name FROM empData A WHERE 5 =(SELECT COUNT (DISTINCT (b.empsalary)) FROM empData B WHERE a.empsalary<=b.empsalary);

**2.Select query without using "Like" operator . For eg select employee name start with 'j' and city is 'Noida' in company\_name**

select \* from empdata where CHARINDEX('j',Employee\_name)=1 and CHARINDEX('Noida',company\_name)>0

**3.Select query for grouping 2 coulmns in one column using Case statement**

select result=case when p1 is not null then p1 when p2 is not null then p2 end from tbltest

**4.Create identity like coulmn in query**

select row\_number () over( order by p1) as sno, result=case when p1 is not null then p1 when p2 is not null then p2 end from tbltest

--3rd Highest Salary

select min(Emp\_Sal) from Employee\_Test where Emp\_Sal in

(select distinct top 3 Emp\_Sal from Employee\_Test order by Emp\_Sal desc)

--nth Highest Salary

select min(Emp\_Sal) from Employee\_Test where Emp\_Sal in

(select distinct top n Emp\_Sal from Employee\_Test order by Emp\_Sal desc)

**Step 1:** Create a temporary table from the main table as:-

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select top 0\* into employee\_test1\_temp from employee\_test1

**Step2 :** Insert the result of the GROUP BY query into the temporary table as:-

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insert into employee\_test1\_temp

select Emp\_ID,Emp\_name,Emp\_Sal

from employee\_test1

group by Emp\_ID,Emp\_name,Emp\_Sal

**Step3:** Truncate the original table as:-

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truncate table employee\_test1

**Step4:** Fill the original table with the rows of the temporary table as:-

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insert into employee\_test1

select \* from employee\_test1\_temp

Now, the duplicate rows from the main table have been removed.

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select \* from employee\_test1