**WINDOW FUNCTIONS**

**RANK**

SELECT

salary,name,

RANK() OVER (

ORDER BY salary DESC

) my\_rank

FROM

emp;

**DENSE\_RANK**

SELECT

salary,name,

RANK() OVER (

ORDER BY salary DESC

) my\_rank,

DENSE\_RANK() OVER (

ORDER BY salary DESC

) dr,

ROW\_NUMBER() OVER (

ORDER BY salary DESC

) rn

FROM

emp;

**ROW\_NUMBER**

SELECT

salary,name,

RANK() OVER (

ORDER BY salary DESC

) my\_rank,

DENSE\_RANK() OVER (

ORDER BY salary DESC

) dr,

ROW\_NUMBER() OVER (

ORDER BY salary DESC

) rn

FROM

emp;

Q. Write an SQL query to find out 5th highest salary of each department

WITH ranks AS

(SELECT department, salary,

RANK() OVER(Partition By department order by salary DESC) as rnk

FROM employees)

SELECT salary, department from ranks

FROM employees

Where rnk = 5