Select Nth maximum salary from a table

Write a query to select Nth maximum salary from EMP table
(or)
Write a query to find 2nd, 3rd max salary from EMP table
(or)
Write a query to find 10 highest salary
(Or)
Write a query to find 4th highest salary (without analytical function)

Answer:

We can achieve this by using the correlated sub query. In the below example we are getting the 5th highest salary without using the Analytical function.

```
select *
from emp emp1
where (5-1) =
(
select count(distinct(emp2.sal))
from emp emp2
where emp2.sal > emp1.sal
)
```

In the below example we are getting the 5th highest salary by using the Analytical function.

```
select *  from
(
select e.*,
DENSE_RANK() over (order by sal DESC) RN
from emp e
)
where RN=5
```