Write a SQL query to get the *n*th highest salary from the Employee table.

**SQL Server:**

CREATE FUNCTION getNthHighestSalary(@N INT) RETURNS INT AS

BEGIN

RETURN (

SELECT DISTINCT Salary

FROM Employee

ORDER BY Salary DESC

OFFSET @N-1 ROWS

FETCH NEXT 1 ROWS ONLY

);

END

Sol2:

CREATE FUNCTION getNthHighestSalary(@N INT) RETURNS INT AS

BEGIN

declare @result int;

with result as

(

select salary, DENSE\_RANK() over(order by salary desc) as r from employee

)

select top 1 @result = salary from result where r = @N;

RETURN

(

@result

);

END

**MySQL:**

CREATE FUNCTION getNthHighestSalary(N INT) RETURNS INT

BEGIN

RETURN

(

# Write your MySQL query statement below.

Select distinct Salary

from

(

select Salary, DENSE\_RANK() over (order by Salary desc) as r

from Employee

) as t

where r = N

);

END

Sol 2

CREATE FUNCTION getNthHighestSalary(N INT) RETURNS INT

BEGIN

DECLARE M INT;

SET M=N-1;

RETURN (

# Write your MySQL query statement below.

SELECT DISTINCT Salary FROM Employee ORDER BY Salary DESC LIMIT M, 1

);

END