SQL

1. [**Consecutive Numbers**](https://leetcode.com/problems/consecutive-numbers/)

SELECT DISTINCT num AS ConsecutiveNums

FROM (

    SELECT num,

    LEAD(num,1) OVER() AS num1,

    LEAD(num,2) OVER() AS num2

    FROM Logs) AS t

WHERE num=num1 AND num=num2;

1. [Second Highest Salary](https://leetcode.com/problems/second-highest-salary/)

select max(salary) as SecondHighestSalary from Employee where salary NOT IN (select max(salary) from Employee)

1. Nth highest salary

CREATE FUNCTION getNthHighestSalary(N INT) RETURNS INT

BEGIN

SET N = N-1;

  RETURN (

      SELECT DISTINCT(salary) from Employee order by salary DESC

      LIMIT 1 OFFSET N

  );

END

1. [Rank Scores](https://leetcode.com/problems/rank-scores/)

Select score, DENSE\_RANK() over(ORDER BY score DESC) AS "rank" from Scores