```
182. Duplicate Emails
+----+
| Column Name | Type |
+----+
| id | int |
email varchar
+----+
id is the primary key (column with unique values) for this table.
Each row of this table contains an email. The emails will not contain uppercase letters.
Write a solution to report all the duplicate emails. Note that it's guaranteed that the email field is not NULL.
Return the result table in any order.
Input:
Person table:
+----+
| id | email |
+---+
| 1 | a@b.com |
| 2 | c@d.com |
| 3 | a@b.com |
+----+
Output:
+----+
| Email |
+----+
| a@b.com |
Explanation: a@b.com is repeated two times.
Solution -
# Write your MySQL query statement below
                     with duplicatecte as (
                       select id, email, row_number() over(partition by email) as ranking
                       from person
                     select distinct email from duplicatecte where ranking >1;
```

# Name – Pranay B Shah Leetcode SQL problems 183. Customers who never Order Table: Customers Table: Orders +----+ +----+ | Column Name | Type | | Column Name | Type | +----+ +----+ | int | | int | | id | id | customerId | int | | name | varchar | +----+ +----+ id is the primary key (column with unique values) for id is the primary key (column with unique values) for this table. this table. Each row of this table indicates the ID and name of a customerId is a foreign key (reference columns) of the ID from the Customers table. customer. Each row of this table indicates the ID of an order and the ID of the customer who ordered it. Write a solution to find all customers who never order anything. Return the result table in any order. The result format is in the following example. # Write your MySQL query statement below with neverordercte as ( select c.id as id, c.name as Customers, o.id as orderid from customers c left join orders o on c.id = o.customerid ) select Customers from neverordercte where orderid is NULL; 586. Customer placing largest number of orders

```
Table: Orders
+----+
| Column Name | Type |
+----+
| order_number | int |
| customer_number | int |
```

+----+

order\_number is the primary key (column with unique values) for this table.

This table contains information about the order ID and the customer ID.

Write a solution to find the customer\_number for the customer who has placed the largest number of orders.

The test cases are generated so that **exactly one customer** will have placed more orders than any other customer. The result format is in the following example. Example 1: Input: |4 |3 | Orders table: +----+ +----+ Output: | order\_number | customer\_number | +----+ +----+ | customer\_number | |1 | | 1 +----+ | 2 | 2 | 3 | | 3 | 3 +----+ **Explanation:** The customer with number 3 has two orders, which is greater than either customer 1 or 2 because each of them only has one order. So the result is customer\_number 3. Solution -# Write your MySQL query statement below with countcte as ( select customer\_number as cust, count( customer\_number) as customer\_number from orders group by customer\_number order by customer\_number desc) select cust as customer\_number from countcte limit 1; 176. Second Highest Salary Table: Employee +----+ | Column Name | Type | +----+ | id | int |

id is the primary key (column with unique values) for this table.

| salary | int |

+----+

Each row of this table contains information about the salary of an employee.

Write a solution to find the second highest **distinct** salary from the Employee table. If there is no second highest salary, return null (return None in Pandas).

The result format is in the following example.

## Example 1:

#### Input:

Employee table:

+---+

| id | salary |

| 1 | 100 |

| 2 | 200 |

| 3 | 300 |

# Example 2:

Employee table:

+----+ | id | salary |

+----+

- -- # Write your MySQL query statement below
- -- with nullcte as (
- -- select salary as
  SecondHighestSalary,
  row\_number() over(order by
  salary desc) as rownum

+---+

### **Output:**

+----+

| SecondHighestSalary |

| 200 |

+----+

+----+

### Input:

| 1 | 100 |

+----+

Output:

+----+

- -- from employee
- -- order by salary desc)
- -- select
- -- case when rownum is null then 'null'

- | SecondHighestSalary |
- +----+
- | null |
- +----+
- -- when rownum = 2 thenSecondHighestSalary
- -- else null
- -- end as 'SecondHighestSalary'
- -- from nullcte
- -- limit 1 offset 1;

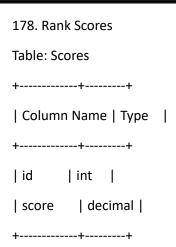
select

(select distinct Salary

from Employee order by salary desc

limit 1 offset 1)

as SecondHighestSalary;



id is the primary key (column with unique values) for this table.

Each row of this table contains the score of a game. Score is a floating point value with two decimal places.

Write a solution to find the rank of the scores. The ranking should be calculated according to the following rules:

- The scores should be ranked from the highest to the lowest.
- If there is a tie between two scores, both should have the same ranking.
- After a tie, the next ranking number should be the next consecutive integer value. In other words, there should be no holes between ranks.

Return the result table ordered by score in descending order.

The result format is in the following example.

#### Example 1:

Input:		Output:
Scores table:		++
++		score   rank
id   score		++
++		4.00   1
1  3.50		4.00   1
2   3.65		3.85   2
3   4.00		3.65   3
4   3.85		3.65   3
5   4.00		3.50   4
6   3.65		++
++		
Solution –		
	select score, dense_rank() over(order by score desc) as 'rank'	
	from scores;	

