1.Asosan taqdim etilgan shartga asoslanib mos keladigan bo’lsa u bir xil jadvaldagi qatorlarni boshqa qatorlar bilan birlashtirish uchun ishlatiladi.

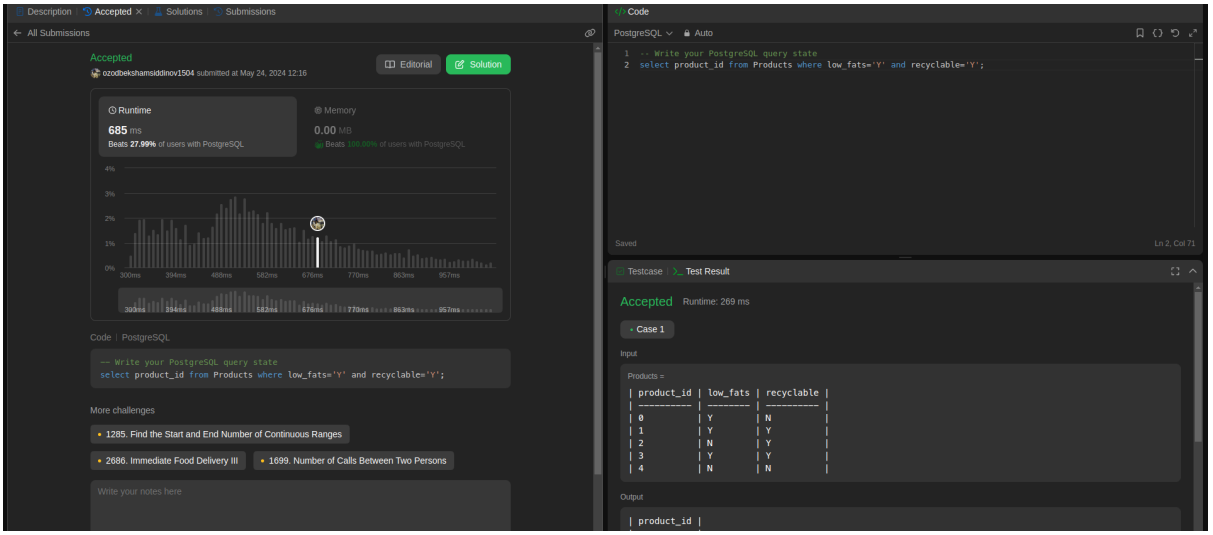
```
select a.column_name, b.column_name
from table_name as a, table_name as b
where a.column_field=b.column_field
```

2.SQL dagi o’zaro bog’lanish birinchi jadvalning har bir qatorini ikkinchi jadvalning har bir qatori bilan birlashtirishda ishlatiladi.

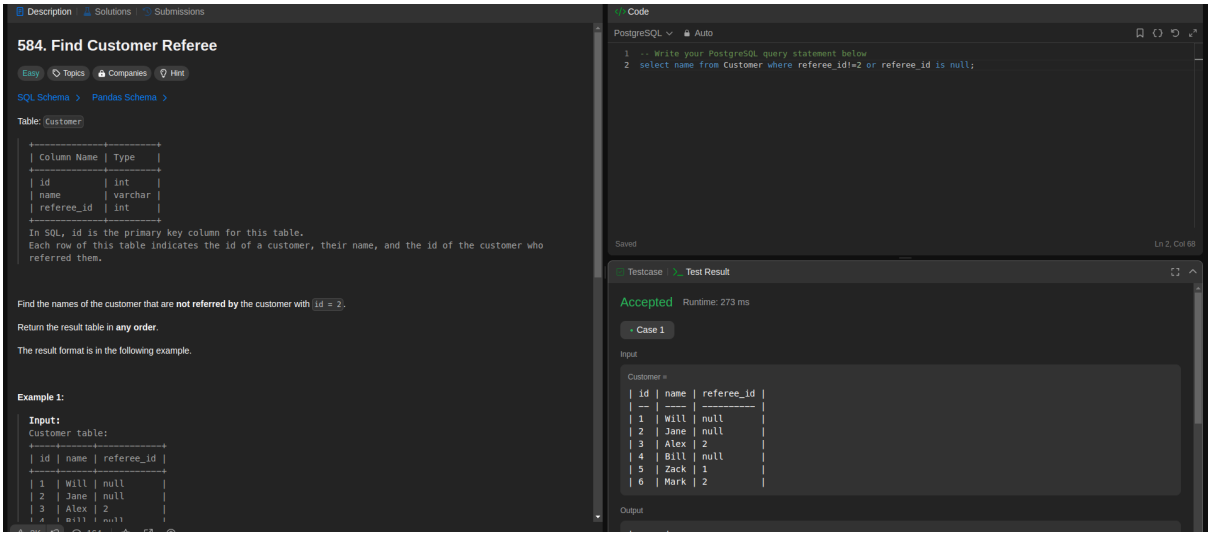
```
select column_name(s)
from table1
cross join table2
```

3.Leetcode masalalar.

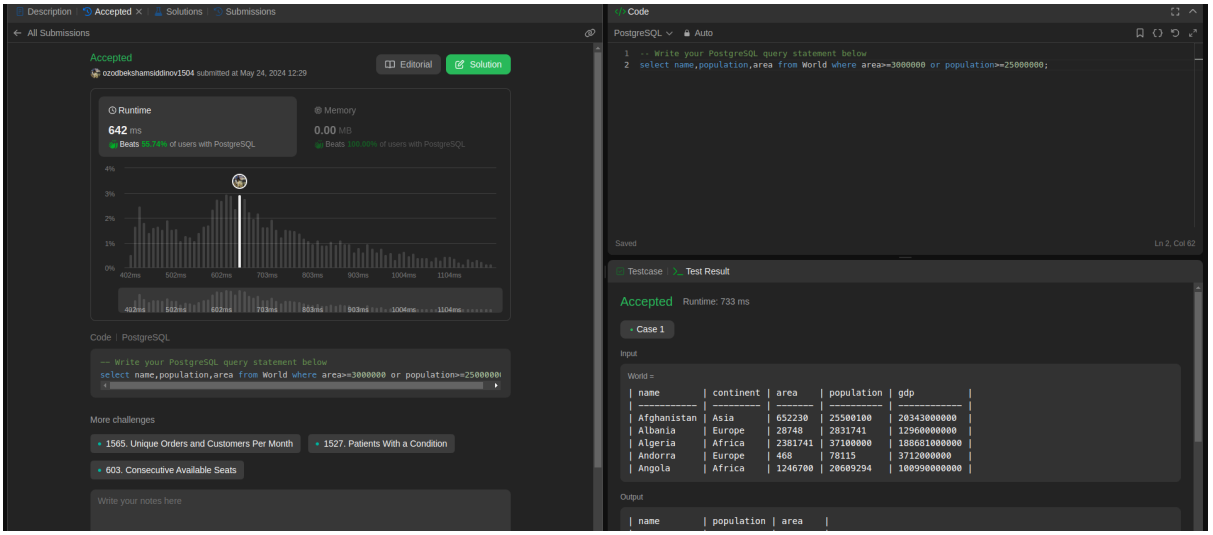
1.



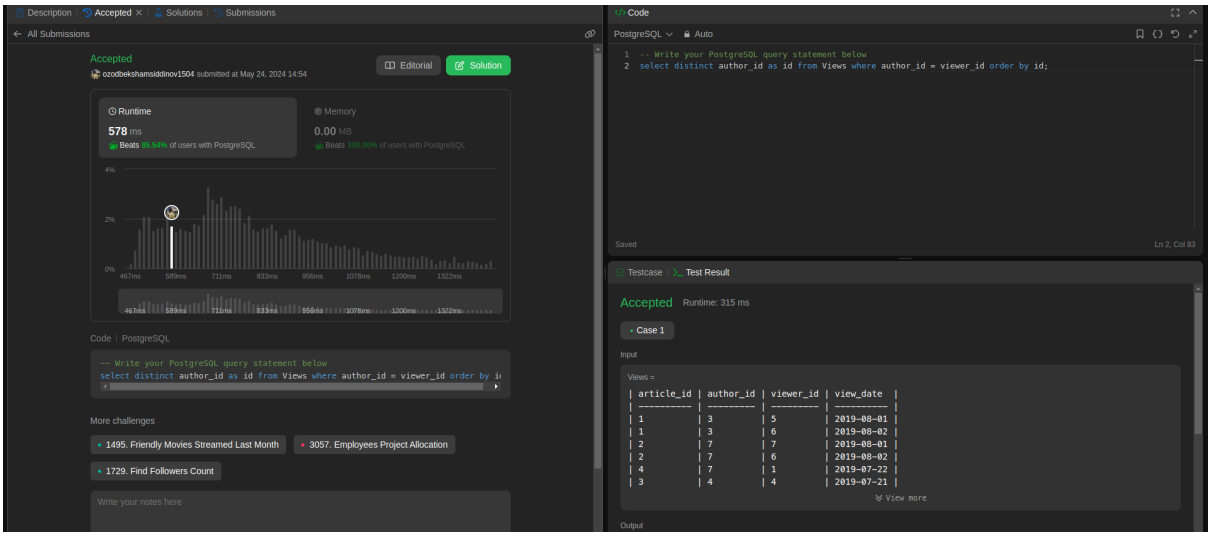
2.


Description | Solutions | Submissions
584. Find Customer Referee
Easy
Topics
Companies
Hint
SQL Schema
Pandas Schema
Table: Customer
+-------------+---------+
| Column Name | Type |
+-------------+---------+
id	int
name	varchar
referee_id	int
+-------------+---------+
In SQL, id is the primary key column for this table.
Each row of this table indicates the id of a customer, their name, and the id of the customer who referred them.
Find the names of the customer that are not referred by the customer with id = 2.
Return the result table in any order.
The result format is in the following example.
Example 1:
Input:
Customer table:
+----+------+------------+
| id | name | referee_id |
+----+------+------------+
1	Will	null
2	Jane	null
3	Alex	2
Code
PostgreSQL
Auto
-- Write your PostgreSQL query statement below
select name from Customer where referee_id!=2 or referee_id is null;
Saved
Ln 2, Col 68
Testcase | Test Result
Accepted
Runtime: 273 ms
Case 1
Input
Customer =
id	name	referee_id
1	Will	null
2	Jane	null
3	Alex	2
4	Bill	null
5	Zack	1
6	Mark	2
Output

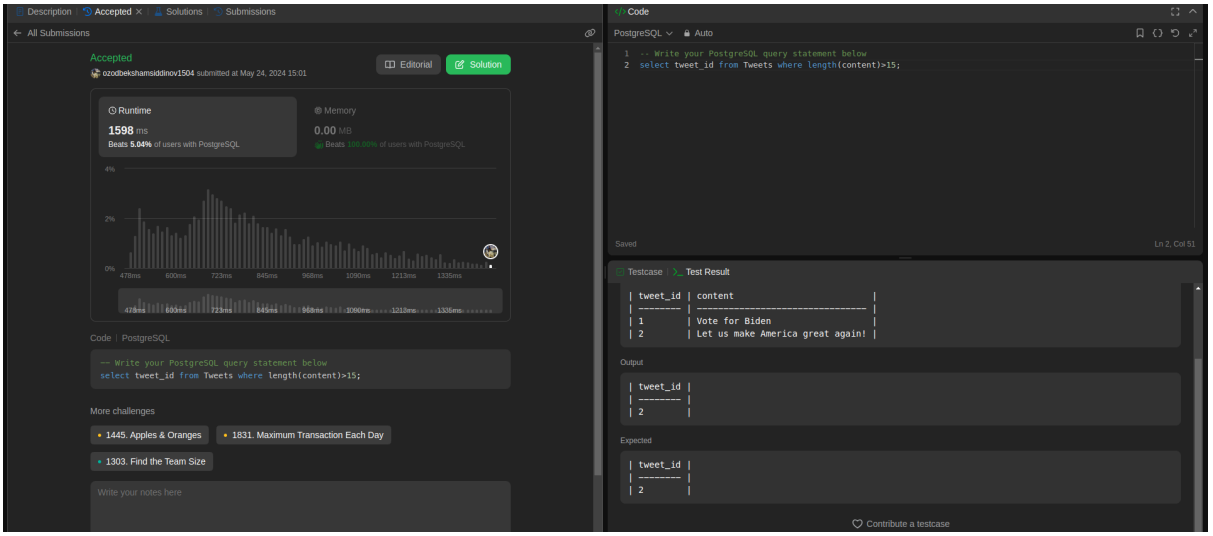
3.


Description | Accepted | Solutions | Submissions
All Submissions
Accepted
ozodbekshamsiddinov1504 submitted at May 24, 2024 12:29
Editorial
Solution
Runtime
642 ms
Beats 66.74% of users with PostgreSQL
Memory
0.00 MB
Beats 100.00% of users with PostgreSQL
Code | PostgreSQL
-- Write your PostgreSQL query statement below
select name,population,area from World where area>=3000000 or population>=25000000
More challenges
1565. Unique Orders and Customers Per Month
1527. Patients With a Condition
603. Consecutive Available Seats
Write your notes here
Code
PostgreSQL
Auto
-- Write your PostgreSQL query statement below
select name,population,area from World where area>=3000000 or population>=25000000;
Saved
Ln 2, Col 62
Testcase | Test Result
Accepted
Runtime: 733 ms
Case 1
Input
World =
name	continent	area	population	gdp
Afghanistan	Asia	652230	25500100	20343000000
Albania	Europe	28748	2831741	12960000000
Algeria	Africa	2381741	37100000	188681000000
Andorra	Europe	468	78115	3712000000
Angola	Africa	1246700	20609294	100990000000
Output
name	population	area

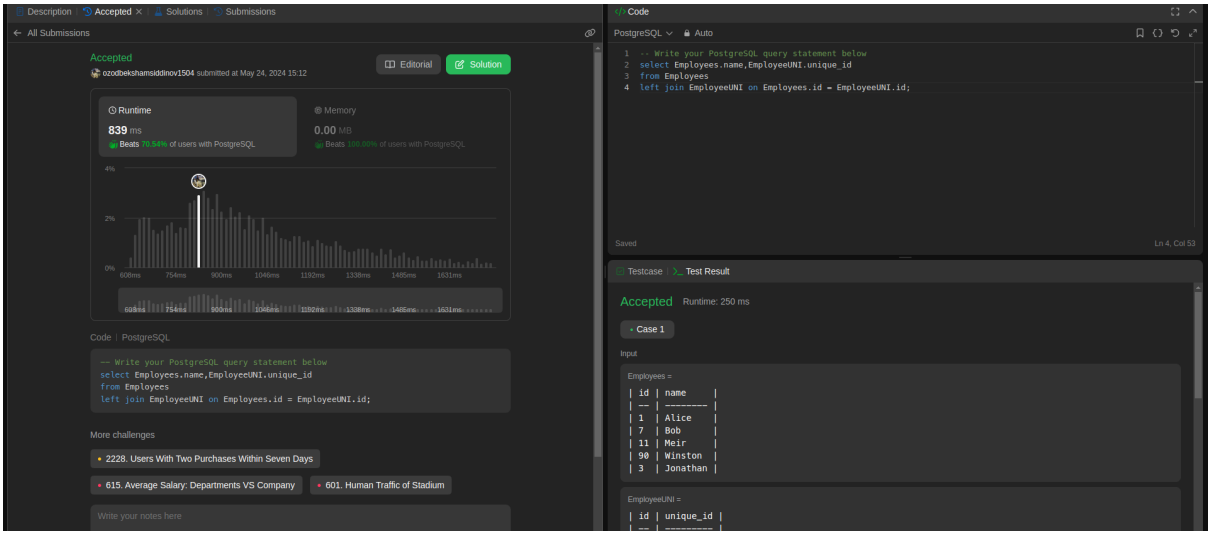
4.


Description | Accepted | Solutions | Submissions
All Submissions
Accepted
ozodbekshamsiddinov1504 submitted at May 24, 2024 14:54
Editorial
Solution
Runtime
578 ms
Beats 85.54% of users with PostgreSQL
Memory
0.00 MB
Beats 100.00% of users with PostgreSQL
Code | PostgreSQL
-- Write your PostgreSQL query statement below
select distinct author_id as id from Views where author_id = viewer_id order by id
More challenges
1495. Friendly Movies Streamed Last Month
3057. Employees Project Allocation
1729. Find Followers Count
Write your notes here
Code
PostgreSQL
Auto
-- Write your PostgreSQL query statement below
select distinct author_id as id from Views where author_id = viewer_id order by id;
Saved
Ln 2, Col 83
Testcase | Test Result
Accepted
Runtime: 315 ms
Case 1
Input
Views =
article_id	author_id	viewer_id	view_date
1	3	5	2019-08-01
1	3	6	2019-08-02
2	7	7	2019-08-01
2	7	6	2019-08-02
4	7	1	2019-07-22
3	4	4	2019-07-21
View more
Output

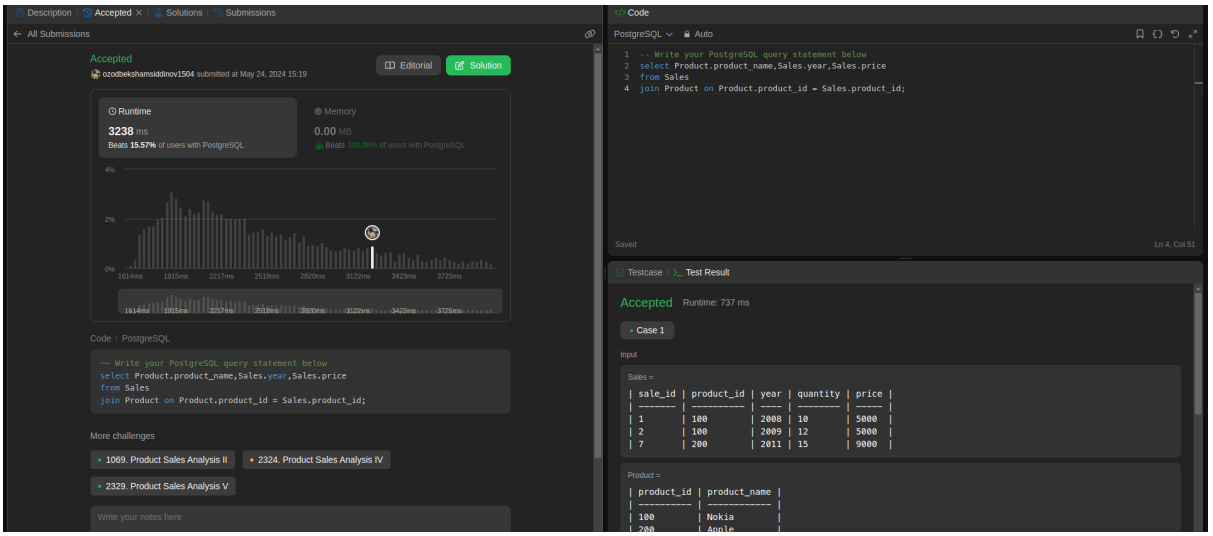
5.


Description | Accepted | Solutions | Submissions
All Submissions
Accepted
ozodbekshamsiddinov1504 submitted at May 24, 2024 15:01
Editorial
Solution
Runtime
1598 ms
Beats 5.04% of users with PostgreSQL
Memory
0.00 MB
Beats 100.00% of users with PostgreSQL
Code | PostgreSQL
-- Write your PostgreSQL query statement below
select tweet_id from Tweets where length(content)>15;
More challenges
1445. Apples & Oranges
1831. Maximum Transaction Each Day
1303. Find the Team Size
Write your notes here
Code
PostgreSQL
Auto
-- Write your PostgreSQL query statement below
select tweet_id from Tweets where length(content)>15;
Saved
Ln 2, Col 51
Testcase | Test Result
tweet_id	content
1	Vote for Biden
2	Let us make America great again!
Output
tweet_id
2
Expected
tweet_id
2
Contribute a testcase

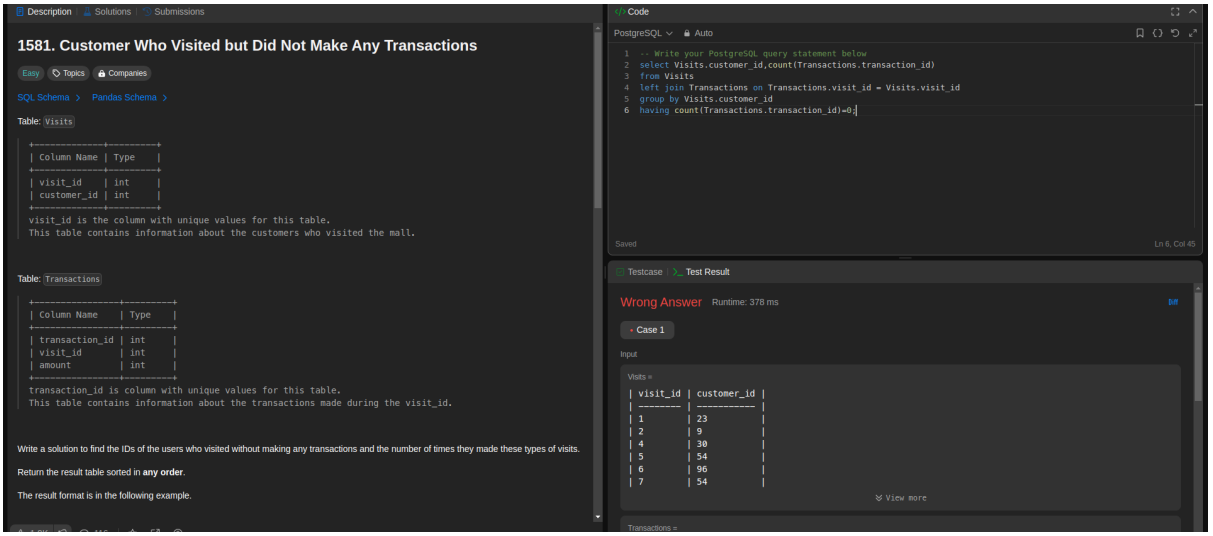
6.


Description | Accepted | Solutions | Submissions
All Submissions
Accepted
ozodbekshamsiddinov1504 submitted at May 24, 2024 15:12
Editorial
Solution
Runtime
839 ms
Beats 70.54% of users with PostgreSQL
Memory
0.00 MB
Beats 100.00% of users with PostgreSQL
Code | PostgreSQL
-- Write your PostgreSQL query statement below
select Employees.name,EmployeeUNI.unique_id
from Employees
left join EmployeeUNI on Employees.id = EmployeeUNI.id;
More challenges
2228. Users With Two Purchases Within Seven Days
615. Average Salary: Departments VS Company
601. Human Traffic of Stadium
Write your notes here
Code
PostgreSQL
Auto
-- Write your PostgreSQL query statement below
select Employees.name,EmployeeUNI.unique_id
from Employees
left join EmployeeUNI on Employees.id = EmployeeUNI.id;
Saved
Ln 4, Col 53
Testcase | Test Result
Accepted
Runtime: 250 ms
Case 1
Input
Employees =
id	name
1	Alice
7	Bob
11	Meir
90	Winston
3	Jonathan
EmployeeUNI =
id	unique_id

7.


Description | Accepted | Solutions | Submissions
All Submissions
Accepted
ozodbekshamsiddinov1504 submitted at May 24, 2024 15:19
Editorial
Solution
Runtime
3238 ms
Beats 15.57% of users with PostgreSQL
Memory
0.00 MB
Beats 100.00% of users with PostgreSQL
Code | PostgreSQL
-- Write your PostgreSQL query statement below
select Product.product_name,Sales.year,Sales.price
from Sales
join Product on Product.product_id = Sales.product_id;
More challenges
1069. Product Sales Analysis II
2324. Product Sales Analysis IV
2329. Product Sales Analysis V
Write your notes here
Code
PostgreSQL
Auto
-- Write your PostgreSQL query statement below
select Product.product_name,Sales.year,Sales.price
from Sales
join Product on Product.product_id = Sales.product_id;
Saved
Ln 4, Col 51
Testcase | Test Result
Accepted
Runtime: 737 ms
Case 1
Input
Sales =
sale_id	product_id	year	quantity	price
1	100	2008	10	5000
2	100	2009	12	5000
7	200	2011	15	9000
Product =
product_id	product_name
100	Nokia
200	Apple

8.



ushbu masalani yechishga xarakat qildim lekin muammo qayerda ekanligini topolmadim.\

9.Oxirgi leetcode masalani yecholmadim shartiga salgina tushundimu lkn yecholmadim.