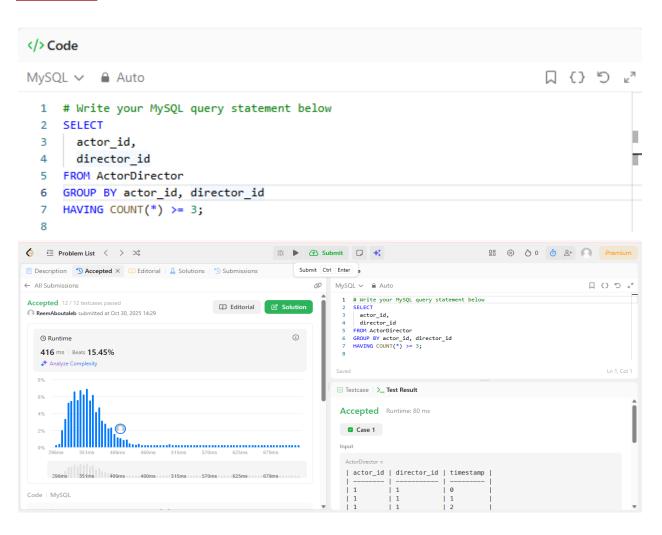
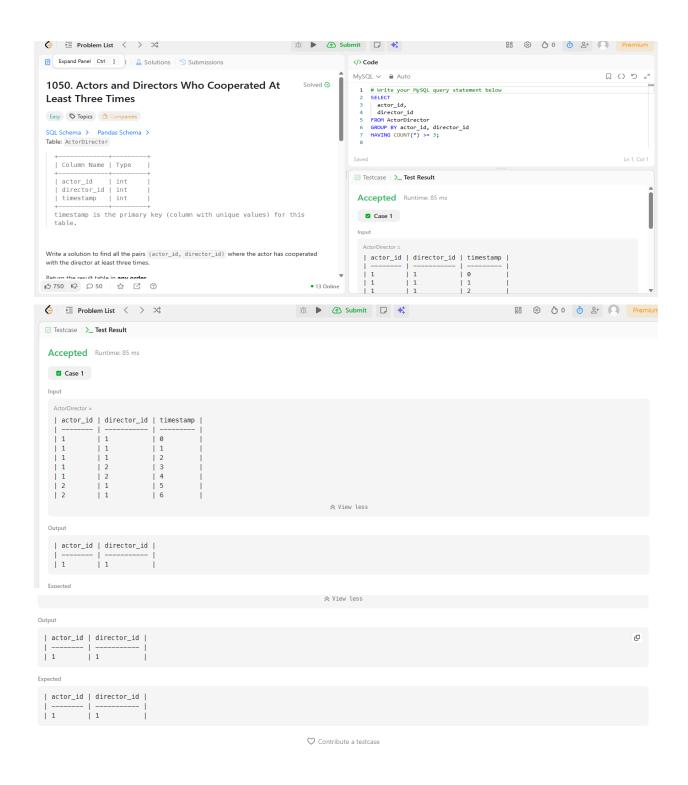
Reem Aboutaleb

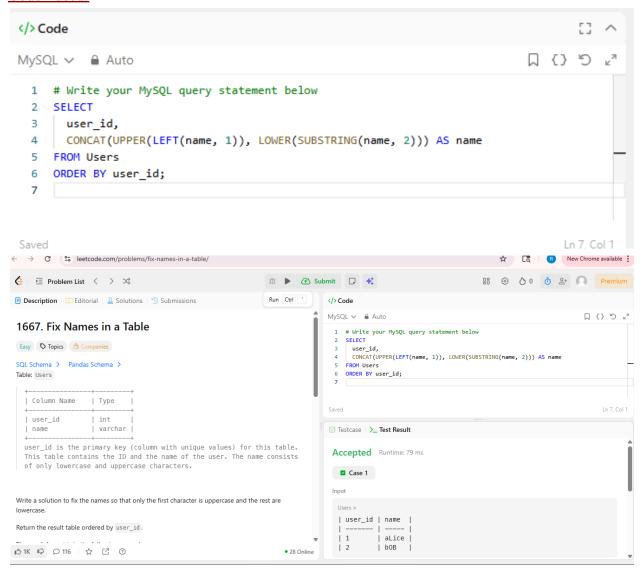
Homework#4 Bootcamp

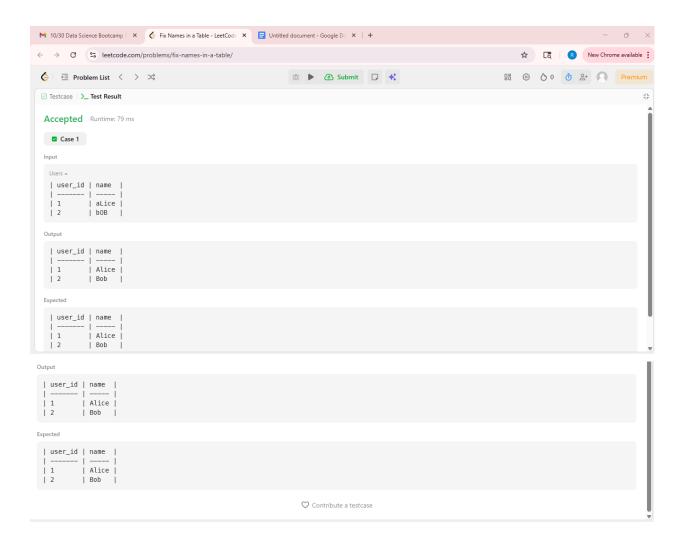
Answer #1: 1050. Actors and Directors Who Cooperated At Least Three Times



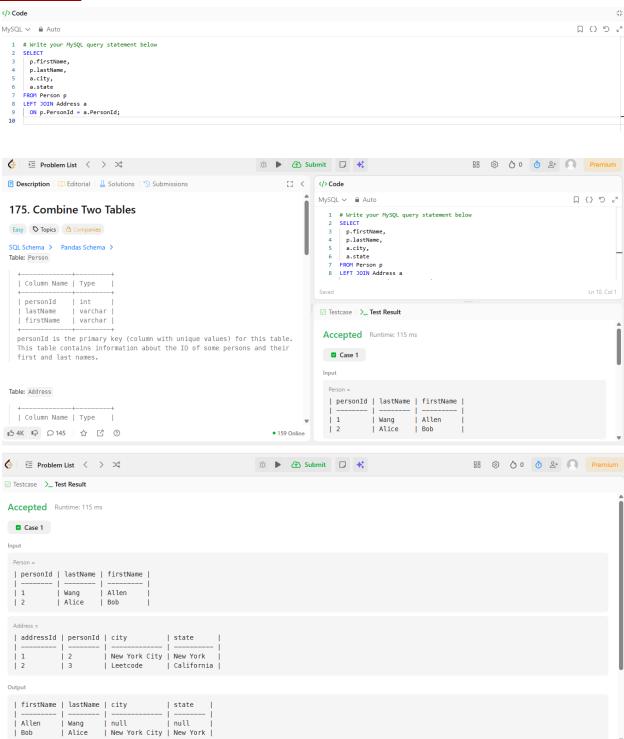


Answer#2: 1667. Fix Names in a Table



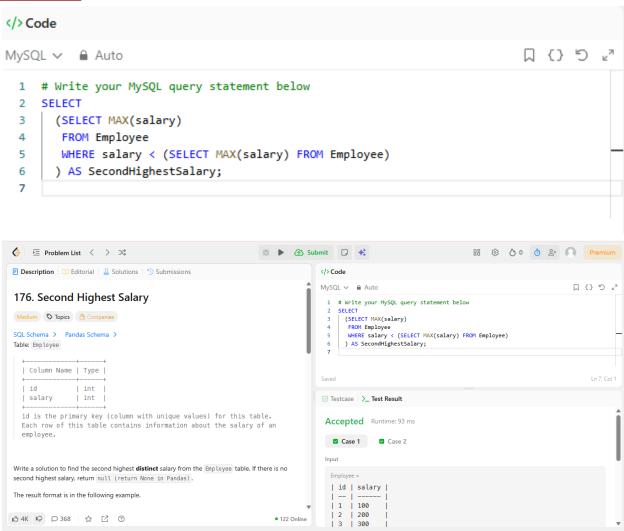


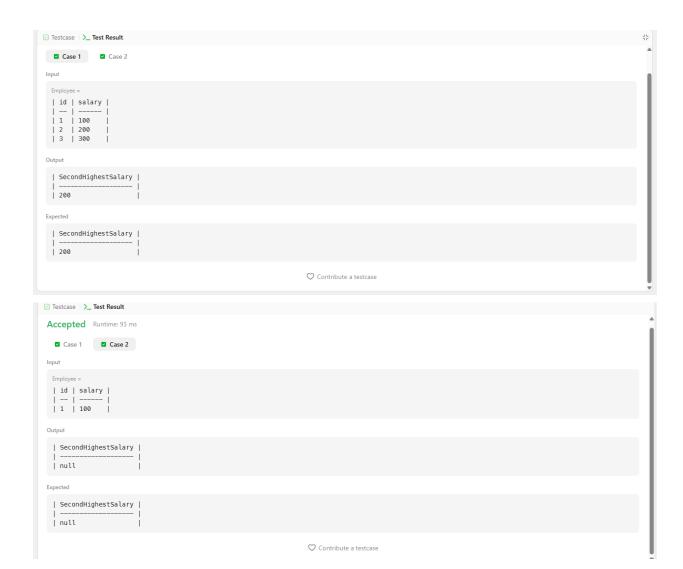
Answer#3 175. Combine Two Tables



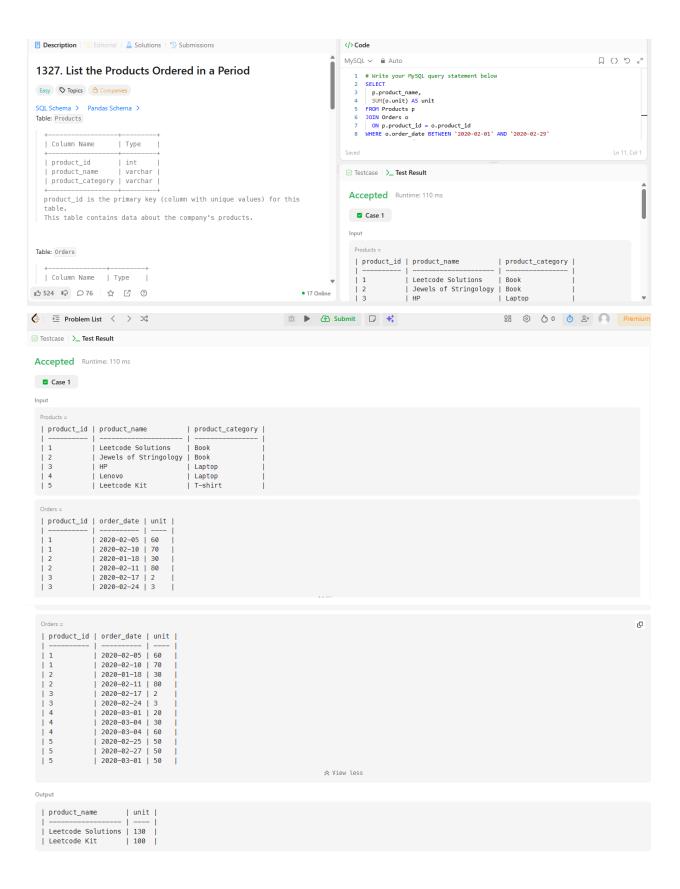


Answer# 4: 176. Second Highest Salary



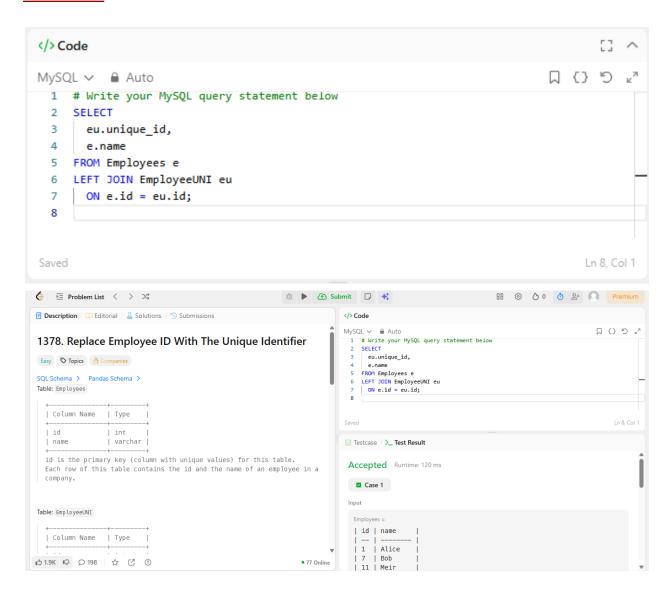


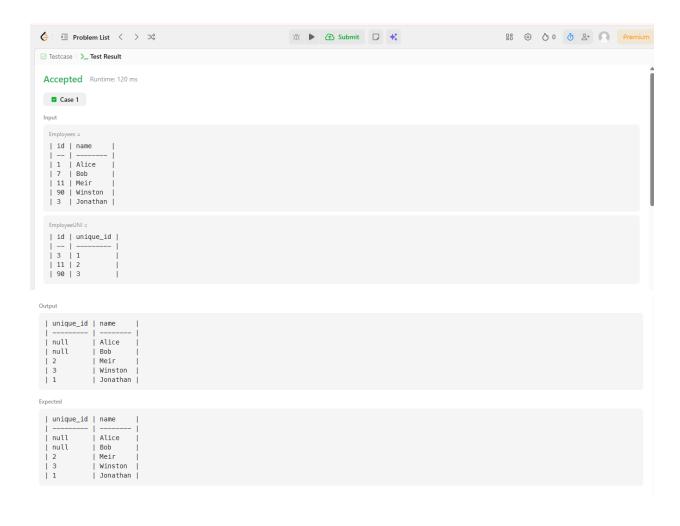
Answer#5: 1327. List the Products Ordered in a Period





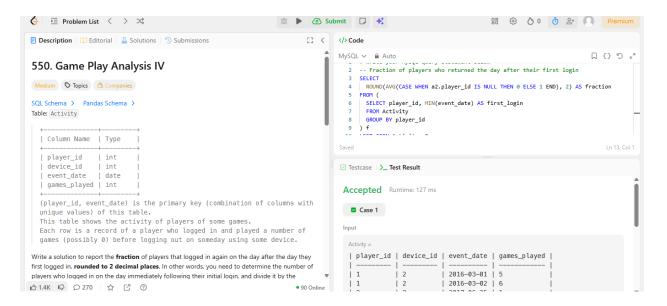
Answer#6: 1378. Replace Employee ID With The Unique Identifier

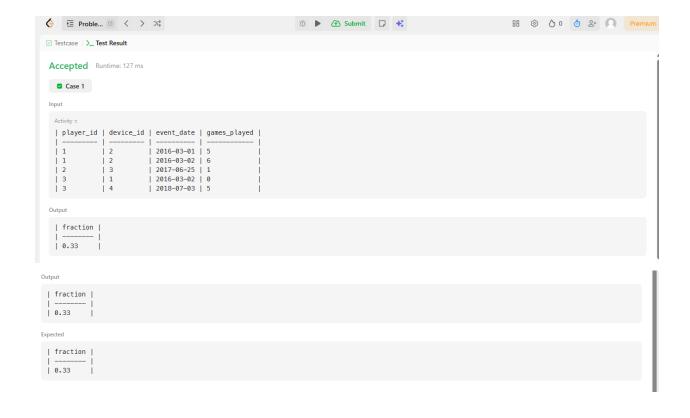




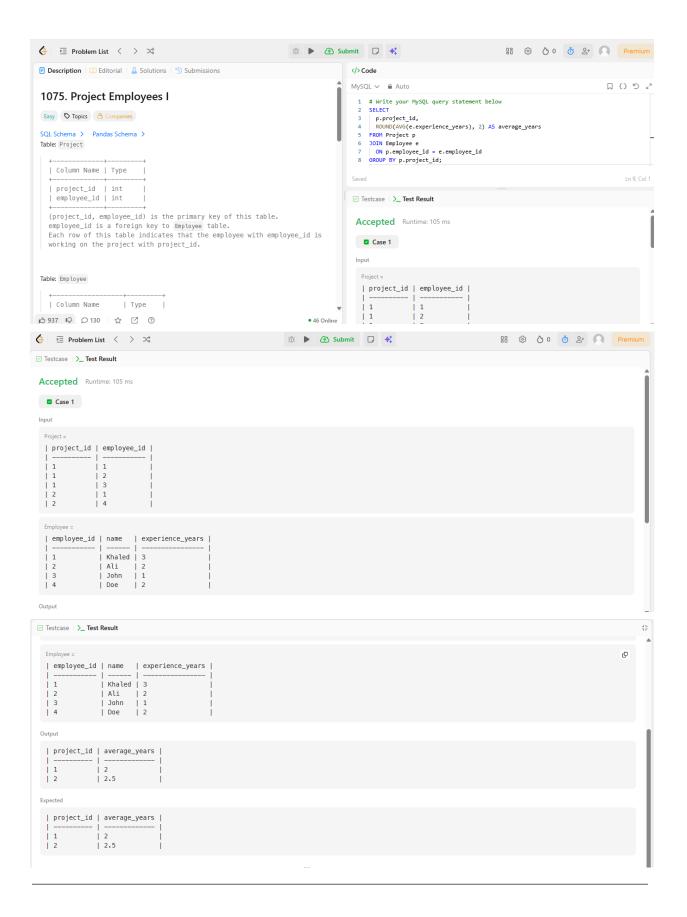
Answer#7: 550. Game Play Analysis IV

```
</>Code
MySQL V Auto
   1 # Write your MySQL query statement below
   2 -- Fraction of players who returned the day after their first login
   4 ROUND(AVG(CASE WHEN a2.player_id IS NULL THEN 0 ELSE 1 END), 2) AS fraction
      SELECT player_id, MIN(event_date) AS first_login
      FROM Activity
   8
      GROUP BY player_id
   9 ) f
  10 LEFT JOIN Activity a2
      ON a2.player_id = f.player_id
  11
       AND a2.event_date = DATE_ADD(f.first_login, INTERVAL 1 DAY);
  12
  13
```





Answer#8: 1075. Project Employees I



Answer#9: 185. Department Top Three Salaries

```
</>Code
MySQL ∨ 🔒 Auto
     1 # Write your MySQL query statement below
         WITH ranked AS (
           SELECT
             d.name AS Department,
    4
             e.name AS Employee,
            e.salary AS Salary,
            DENSE_RANK() OVER (
    7
              PARTITION BY e.departmentId
    8
               ORDER BY e.salary DESC
    9
   10
              ) AS rnk
   11
           FROM Employee e
   12
           JOIN Department d
              ON e.departmentId = d.id
   13
   14 )
   15 SELECT Department, Employee, Salary
   16 FROM ranked
   17 WHERE rnk <= 3
   18 ORDER BY Department, Salary DESC;
                                                            ŵ ▶ 🛧 Submit 🗔 🔩
                                                                                                               ₽8 ② O O O Premiu
♦ E Problem List 〈 > 💢
■ Description | □ Editorial | △ Solutions | ⑤ Submissions
                                                                           </>Code
                                                                          MySQL ∨ 🛍 Auto
                                                                                                                                       □ {} □
                                                                            12 JOIN Department d
185. Department Top Three Salaries
                                                                                  ON e.departmentId = d.id
14 )
15 SELECT Department, Employee, Salary
                                                                            fROM ranked
WHERE rnk <= 3
ORDER BY Department, Salary DESC;
SQL Schema > Pandas Schema >
Table: Employee
  | Column Name | Type
  | id
                | int
                varchar
  name
                                                                           | departmentId | int
                                                                           Accepted Runtime: 129 ms
 id is the primary key (column with unique values) for this table. departmentId is a foreign key (reference column) of the ID from the
                                                                           ☑ Case 1
 Department table.
Each row of this table indicates the ID, name, and salary of an employee. It also contains the ID of their department.
                                                                           Input
                                                                            | id | name | salary | departmentId |
                                                                            | -- | -----
| 1 | Joe
Table: Department
                                                                                          85000
                                                                            | 2 | Henry | 80000
1分 2.5K 1→ ○ 284 ☆ ☑ ③
                                                                • 79 Online
```

