

Learn with Ankit Bansal



100 Coding Problems



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100 DAY CODING PROBLEMS

Step - 1 : Problem Statement

Problem Statement:

14 - WORKAHOLICS EMPLOYEES

Write a query to find workaholics employees. Workaholics employees are those who satisfy at least one of the given criterions:

- 1- Worked for more than 8 hours a day for at least 3 days in a week.
- 2- worked for more than 10 hours a day for at least 2 days in a week.

You are given the login and logout timings of all the employees for a given week. Write a SQL to find all the workaholic employees along with the criterion that they are satisfying (1,2 or both), display it in the order of increasing employee id

 Difficult Level : EASY

NAMASTE SQL - DAY 23

Step - 2 : Identifying The Input Data And Expected

INPUT

EMP_ID	LOGIN	LOGOUT
100	2024-02-19 9:15:00	2024-02-19 18:20:00
100	2024-02-20 9:05:00	2024-02-20 17:00:00
100	2024-02-21 9:00:00	2024-02-21 17:10:00
100	2024-02-22 10:00:00	2024-02-22 16:55:00
100	2024-02-23 10:30:00	2024-02-23 19:15:00
200	2024-02-19 8:00:00	2024-02-19 18:20:00
200	2024-02-20 9:00:00	2024-02-20 16:30:00
200	2024-02-21 9:15:00	2024-02-21 19:20:00
200	2024-02-22 11:00:00	2024-02-22 17:05:00
200	2024-02-23 9:30:00	2024-02-23 17:20:00
300	2024-02-19 7:00:00	2024-02-19 18:15:00
300	2024-02-20 9:00:00	2024-02-20 19:10:00
300	2024-02-21 9:15:00	2024-02-21 18:20:00
300	2024-02-22 11:00:00	2024-02-22 17:00:00
300	2024-02-23 9:30:00	2024-02-23 16:30:00

OUTPUT

EMP_ID	CRITERIAN
100	1
200	2
300	both

Step - 3 : Writing the sql query to solve the

```
with CTE as
(
    select
        EMP_ID,
        count(case when datediff('minute',login,logout)/60.0 >= 8 then '8+' end ) as day_8
        ,count(case when datediff('minute',login,logout)/60.0 >= 10 then '10+' end)as day_10
    from
        employees
        where datediff('minute',login,logout)/60.0 > 8
        group by EMP_ID
)
select
    emp_id
    ,case
        when day_8 >= 3 and day_10 >= 2 then 'both'
        when day_8 >= 3 then '1'
        when day_10 >= 2 then '2'
        end as criterion
from CTE
```



Save

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