Leave Approver

Problem Statement

Given 'vacation_plans' tables show the vacations applied by each employee during the year 2024. Leave_balance table has the available leaves for each employee.

Write an SQL query to determine if the vacations applied by each employee can be approved or not based on the available leave balance. If an employee has sufficient available leaves, then mention the status as "Approved" else mention "Insufficient Leave Balance".

(Assume there are no public holidays during 2024. weekends (sat & sun) should be excluded while calculating vacation days.)

VACATION_PLANS			
ID	EMP_ID	FROM_DT	TO_DT
1	1	12-02-2024	16-02-2024
2	2	20-02-2024	29-02-2024
3	3	01-03-2024	31-03-2024
4	1	11-04-2024	23-04-2024
5	4	01-06-2024	30-06-2024
6	3	05-07-2024	15-07-2024
7	3	28-08-2024	15-09-2024

LEAVE_BALANCE	
EMP_ID	BALANCE
1	12
2	10
3	26
4	20
5	14

Output

OUTPUT					
ID	EMP_ID	FROM_DT	TO_DT	VACATION_DAYS	STATUS
1	1	12-02-2024	16-02-2024	5	Approved
2	2	20-02-2024	29-02-2024	8	Approved
3	3	01-03-2024	31-03-2024	21	Approved
5	4	01-06-2024	30-06-2024	20	Approved
4	1	11-04-2024	23-04-2024	9	Insufficient Leave Balance
6	3	05-07-2024	15-07-2024	7	Insufficient Leave Balance
7	3	28-08-2024	15-09-2024	13	Insufficient Leave Balance

END OF FILE