# Consecutive numbers Write your MySQL query statement below

select distinct l3.num ConsecutiveNums from Logs l1, Logs l2, Logs l3

where l1.id=l2.id-1 and l2.id=l3.id-1 and l1.num=l2.num and l2.num=l3.num;

# Number of passenger in each bus Write your MySQL query statement below

with CTE AS (

SELECT min(b.arrival\_time) AS arrival\_time, p.passenger\_id AS pass\_id

FROM passengers p left join buses b

ON p.arrival\_time <= b.arrival\_time

GROUP BY p.passenger\_id

)

SELECT b.bus\_id AS bus\_id, IFNULL(count(CTE.arrival\_time),0) AS passengers\_cnt

FROM buses b left join CTE ON b.arrival\_time = CTE.arrival\_time

GROUP BY bus\_id

ORDER BY bus\_id;

# User activity for 30 days Write your MySQL query statement below

SELECT activity\_date day, COUNT(DISTINCT user\_id) AS active\_users

FROM Activity

WHERE activity\_date BETWEEN DATE\_SUB('2019-07-27', INTERVAL 29 DAY) AND '2019-07-27'

GROUP BY activity\_date;