

Тарасов Кирилл, домашнее задание. Часть SQL.

1. `SELECT name, COUNT(*) AS count FROM Passenger INNER JOIN Pass_in_trip
ON Passenger.id = Pass_in_trip.passenger GROUP BY name ORDER BY 2 DESC,1`
2. `SELECT TIMEDIFF((SELECT end_pair FROM Timepair WHERE id = 4),(SELECT
start_pair FROM Timepair WHERE id = 2)) AS time`
3. `SELECT Rooms.* FROM Rooms INNER JOIN Reservations ON Rooms.id =
Reservations.room_id WHERE YEAR(start_date) = 2020 AND WEEK(start_date,1)
= 12`
4. `SELECT classroom FROM Schedule GROUP BY classroom HAVING COUNT(*) = (
SELECT COUNT(*) FROM Schedule GROUP BY classroom ORDER BY 1 DESC
LIMIT 1)`
5. `WITH table1 (dt1,dt2) AS (
SELECT DATE , LEAD(DATE) OVER (ORDER BY date) FROM (SELECT
DISTINCT date FROM Income_o) q)
SELECT ISNULL(SUM(out),0) AS qty, dt1,dt2 FROM (
SELECT * FROM table1
OUTER APPLY (
SELECT out FROM Outcome_o WHERE date > table1.dt1 AND date <= table1.dt2)
table2) table12 WHERE dt2 IS NOT NULL
GROUP BY dt1,dt2
ORDER BY 1`
6. `WITH table1 (rn,name,date,gr) AS (
SELECT ROW_NUMBER() OVER (ORDER BY date,name),*, NTILE(2)
OVER(ORDER BY date) FROM Battles);
SELECT rn_1,name_1,date_1,rn_2,name_2,date_2 FROM
(SELECT rn as rn_1,name as name_1,date as date_1,ROW_NUMBER() OVER
(PARTITION BY gr ORDER BY rn) AS por FROM table1 WHERE gr = 1) a LEFT
JOIN
(SELECT rn as rn_2,name as name_2,date as date_2,ROW_NUMBER() OVER
(PARTITION BY gr ORDER BY rn) AS por FROM table1 WHERE GR = 2) b ON
a.por = b.por`