Задания, которые не принимает сайт. 13 , 15, 18,19 , 20

13. INSERT INTO position (id\_position, title\_of\_position, department, submission)

SELECT

(SELECT COALESCE(MAX(id\_position), 0) + 1 FROM position),

'auditor',

'Accounting Department',

(SELECT id\_position FROM position

WHERE title\_of\_position = 'Chief Accounting Officer'

AND department = 'Accounting Department'

LIMIT 1);

15. (

SELECT firstname, lastname, birthdate

FROM employee

ORDER BY birthdate ASC

LIMIT 1

)

UNION ALL

(

SELECT firstname, lastname, birthdate

FROM employee

ORDER BY birthdate DESC

LIMIT 1

);

18. WITH date\_range AS (

SELECT '2024-01-01' AS start\_date, '2024-03-31' AS end\_date

),

occupied\_days AS (

SELECT

r.id\_room,

r.stage,

SUM(DATEDIFF(

LEAST(a.departure\_date, d.end\_date),

GREATEST(a.arrival\_date, d.start\_date)

) + 1 AS occupied

FROM

rooms r

LEFT JOIN

accomodation a ON r.id\_room = a.id\_room

CROSS JOIN

date\_range d

WHERE

a.arrival\_date <= d.end\_date

AND a.departure\_date >= d.start\_date

GROUP BY

r.id\_room, r.stage

)

SELECT

r.id\_room AS room,

r.stage,

(DATEDIFF('2024-03-31', '2024-01-01') + 1 - COALESCE(o.occupied, 0) AS days

FROM

rooms r

LEFT JOIN

occupied\_days o ON r.id\_room = o.id\_room

ORDER BY

days DESC;

19. SELECT

SUM(r.cost \* DATEDIFF(

LEAST(a.departure\_date, '2024-02-29'),

GREATEST(a.arrival\_date, '2024-02-01')

) + 1) AS revenue

FROM

accomodation a

JOIN

rooms r ON a.id\_room = r.id\_room

WHERE

a.id\_room = 12

AND a.arrival\_date <= '2024-02-29'

AND a.departure\_date >= '2024-02-01';

20. SELECT

a.id\_room AS room,

a.firstname,

a.lastname

FROM

accomodation a

WHERE

'2024-01-01' BETWEEN a.arrival\_date AND a.departure\_date

ORDER BY

a.id\_room;