

מממש אותה. SQL - מסמך הכולל: לכל פעולה את הקוד

-- 1) View all rooms and their condition

```
select * from rooms as R
inner join location as L
on R.room_id=L.room_id ;
```

-- 2) The list of the 10 most booked rooms

```
select O.room_id ,R.room_type ,COUNT(*) sumorders
from orders O
inner join rooms R
on R.room_id=O.room_id
GROUP BY room_id
order by sumorders desc limit 10 ;
```

-- 3) View all orders in the last two weeks

```
SELECT * FROM orders
WHERE order_checkin >= DATE_SUB(CURDATE(), INTERVAL 14 DAY);
```

-- 4) Presenting the employee who cleaned the most rooms

```
select
w.worker_id,w.worker_name,w.worker_position,w.worker_adress,w.worker_phone
,COUNT(*) num_rooms_cleaned
from clean_room c
inner join workers w
on w.worker_id=c.worker_id
GROUP BY c.worker_id
ORDER BY num_rooms_cleaned DESC limit 1;
```

-- 5) Viewing customer activity orders ordered.

```
select * from orders O inner join clients C on C.client_id=O.client_id where now()
between O.order_checkin AND O.order_checkout;
```

-- 6) View repeat customers (more than one order).

```
select C.client_id,C.client_name,C.client_address,C.client_phone , count(*)
sumorders
from clients C
inner join orders O
on C.client_id=O.client_id
GROUP BY C.client_id
HAVING COUNT(*) > 1;
```

-- 7) Presentation of income by month

```
select extract(MONTH from orders.order_checkin ) as month,sum(full_price) as
total_value from orders
group by month;
```

“OR”

```
select extract(MONTH from orders.order_checkin) as month,sum(full_price) as
total_value from orders
WHERE extract(MONTH from orders.order_checkin)='7'
group by month ;
```