SQL – tasks (Hotel)

1. List all hotel clients in alphabetical order (sort by last name and first name).
2. Provide, without repetition, all discount values in the table sorted in descending order.
3. List all reservations of guest named Kiepski.
4. List guests who do not have a discount. Sort them by first name.
5. List reservations from 2008 for those customers, whose names start with the letter "K" or "L". Display the name, surname and room number.
6. List clients who haven't paid yet (field "paid" equal to 0).
7. List clients who have booked a luxury room at least once.
8. List the rooms rented by Andrzej Nowak.
9. List the names of the guests along with the number of reservations made by them. Do not write out guests who have less than 3 reservations.
10. Calculate how many people can stay at the hotel at the same time.
11. Calculate how many people can stay at the hotel in each category at the same time.
12. Enter the number of rooms in each category.
13. Find a room that has never been booked.
14. Find customers who have used the hotel services only once.
15. List clients who slept in room 101 and paid.
16. Count how much the hotel earned on Marian Paździoch considering the price per night, the number of days and the discount.