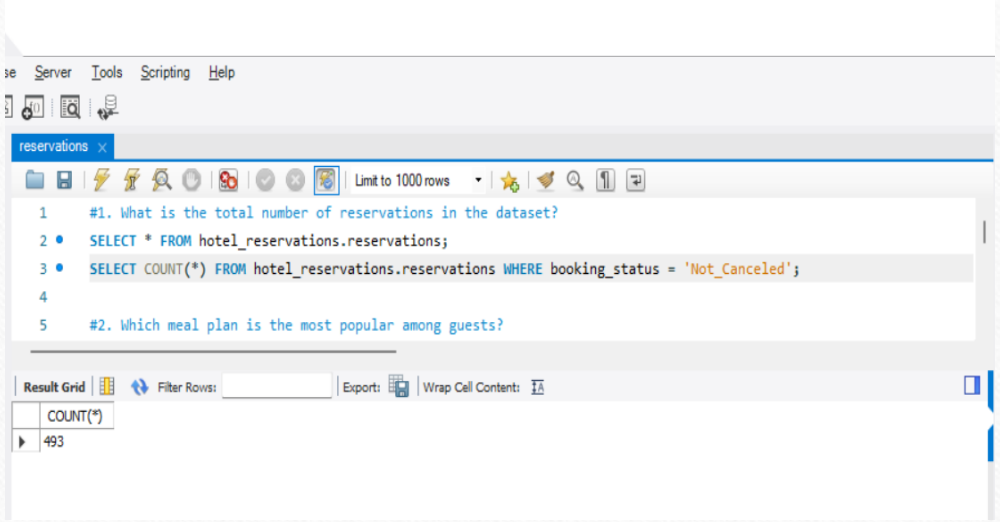
Hotel Reservations Analysis

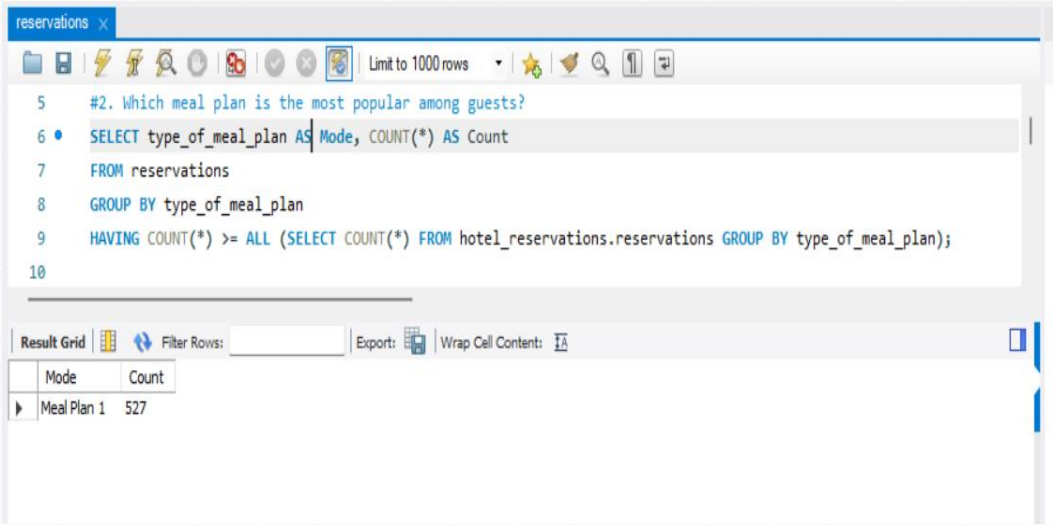
By SQL

The first question was #1. What is the total number of reservations in the dataset?

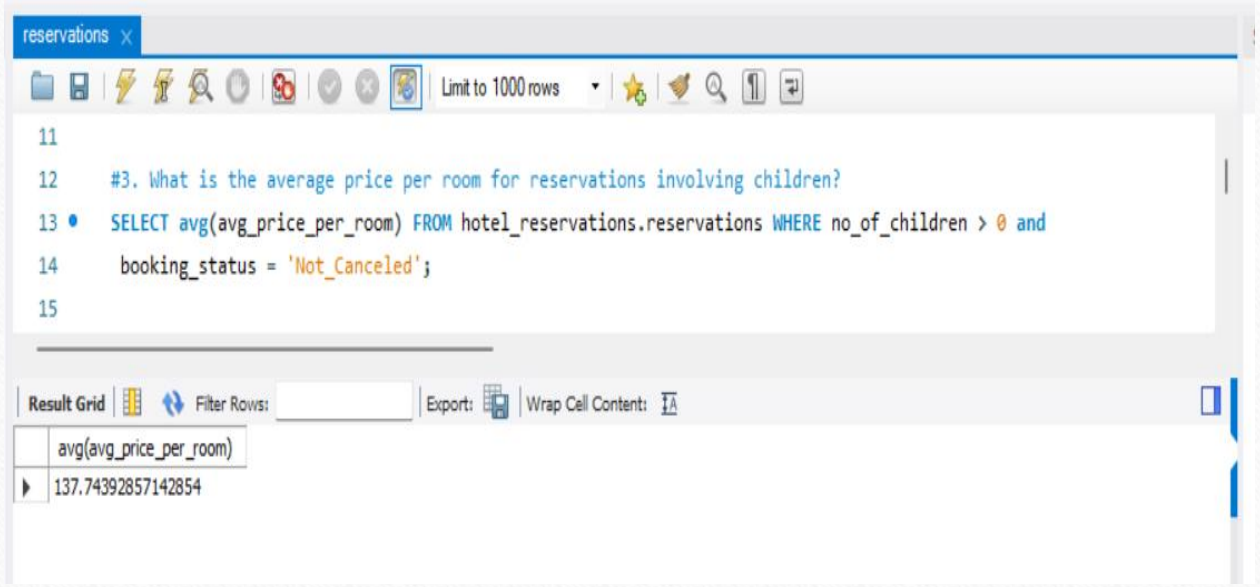


Given that there was a significant number of canceled reservations , I only put 'Not_Canceled' reservations into account

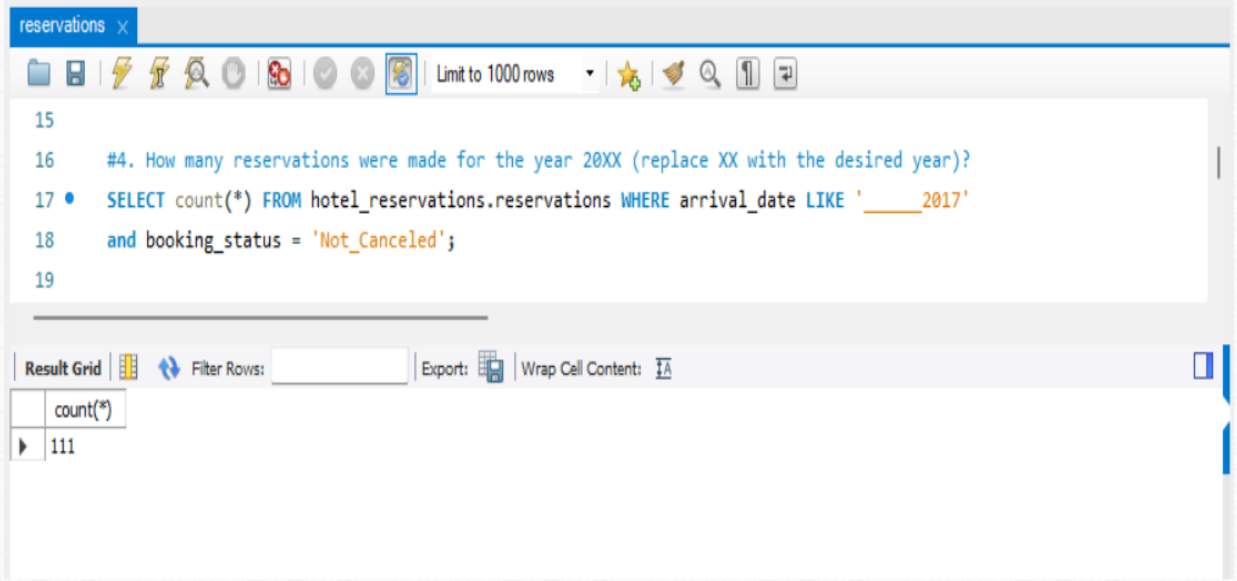
The second question was , #2. Which meal plan is the most popular among guests?



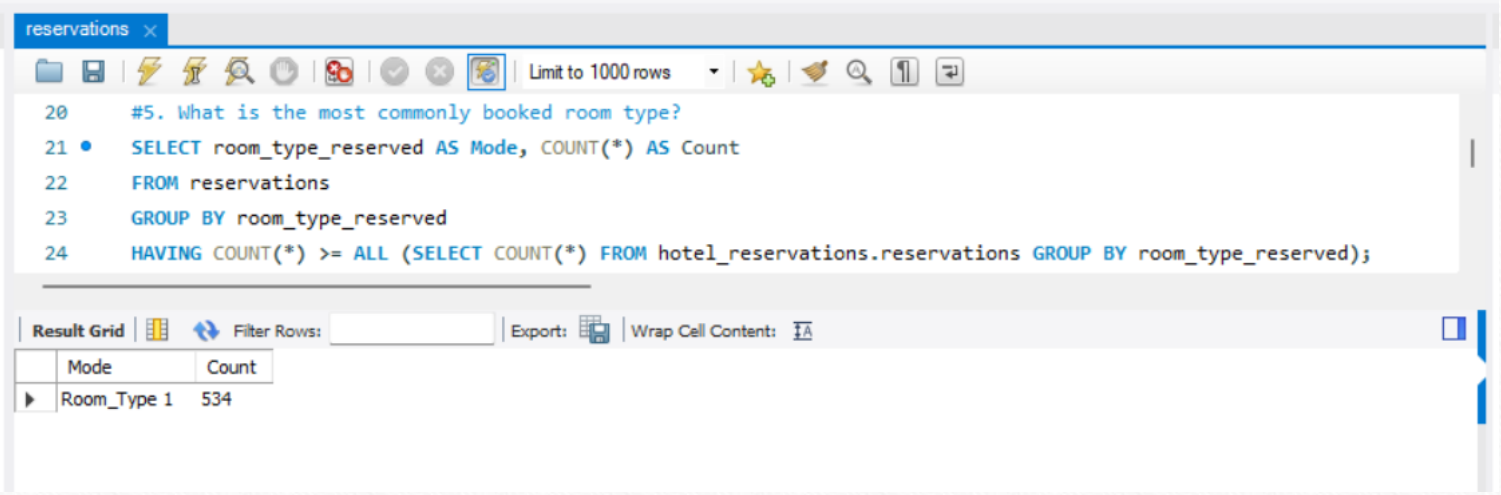
#3. What is the average price per room for reservations involving children?



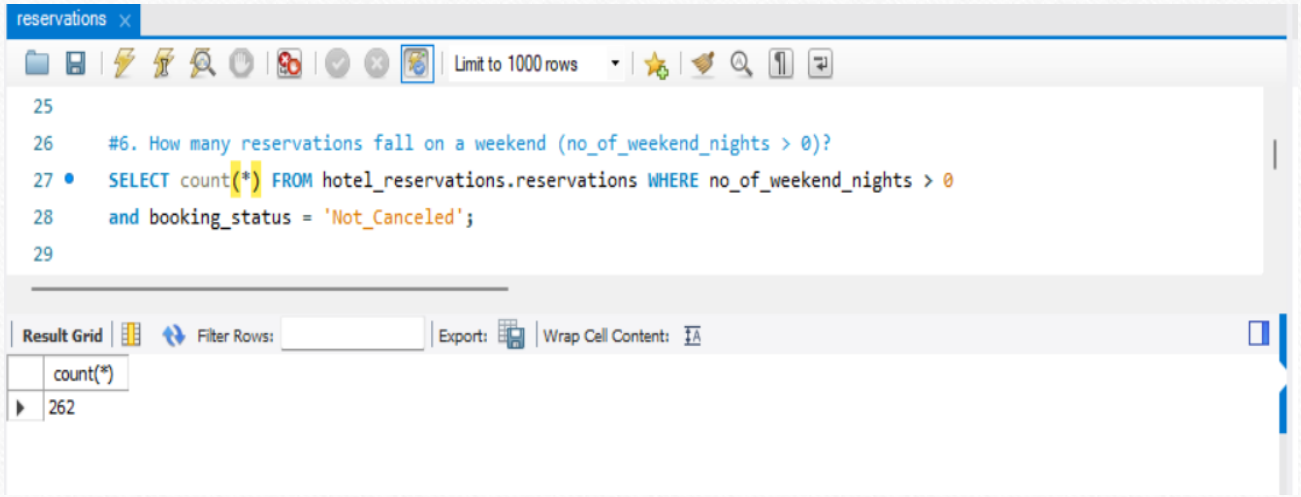
#4. How many reservations were made for the year 20XX (replace XX with the desired year)?



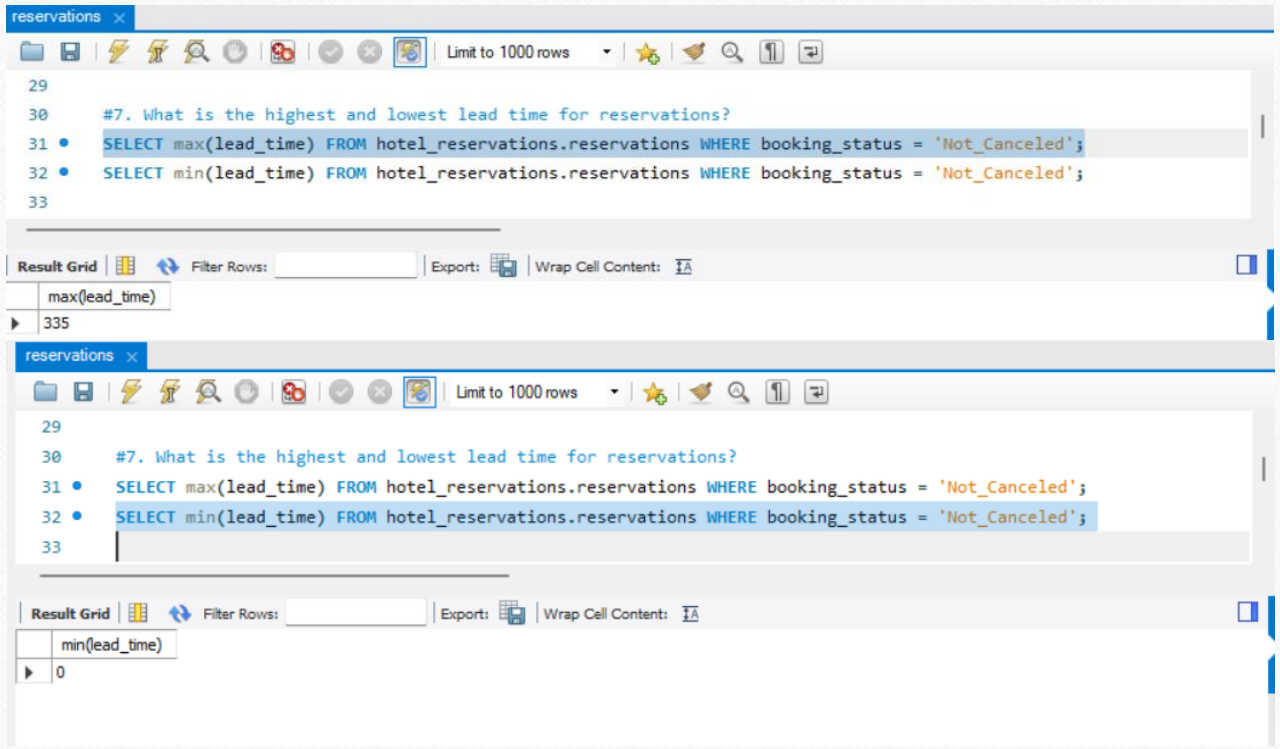
#5. What is the most commonly booked room type?



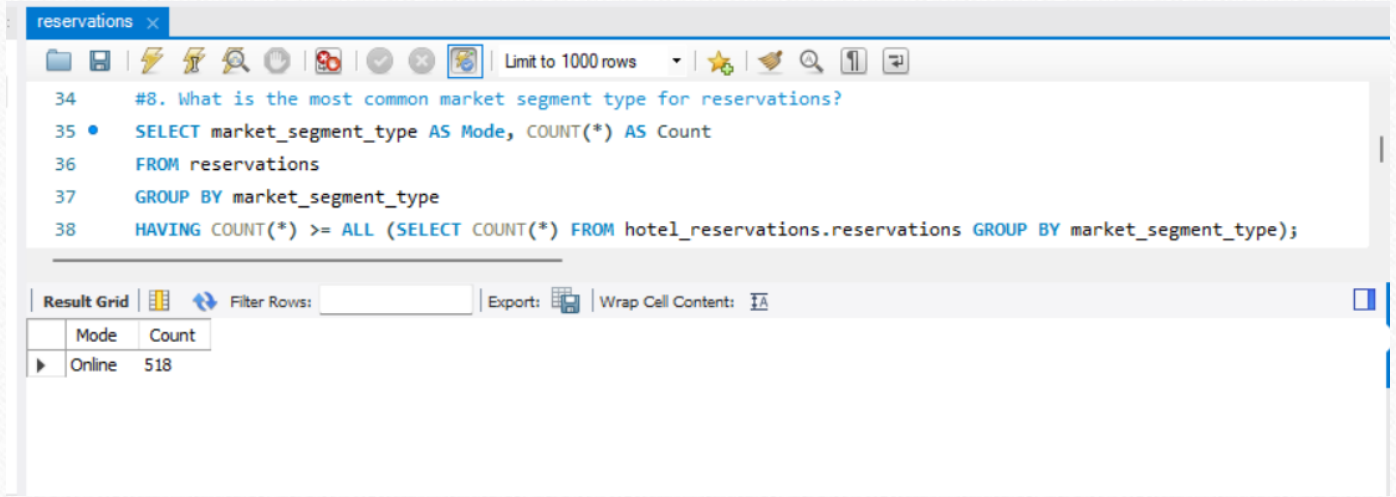
#6. How many reservations fall on a weekend (no_of_weekend_nights > 0)?



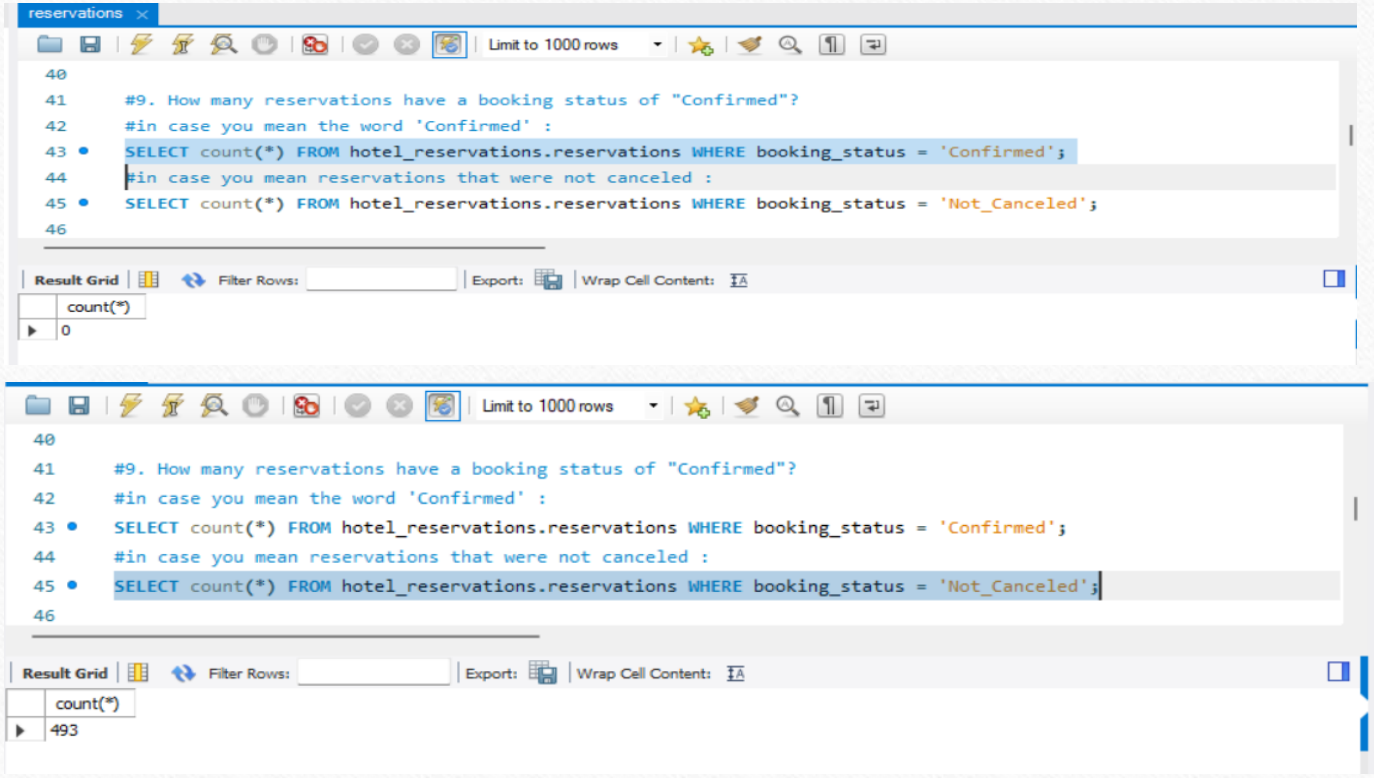
#7. What is the highest and lowest lead time for reservations?



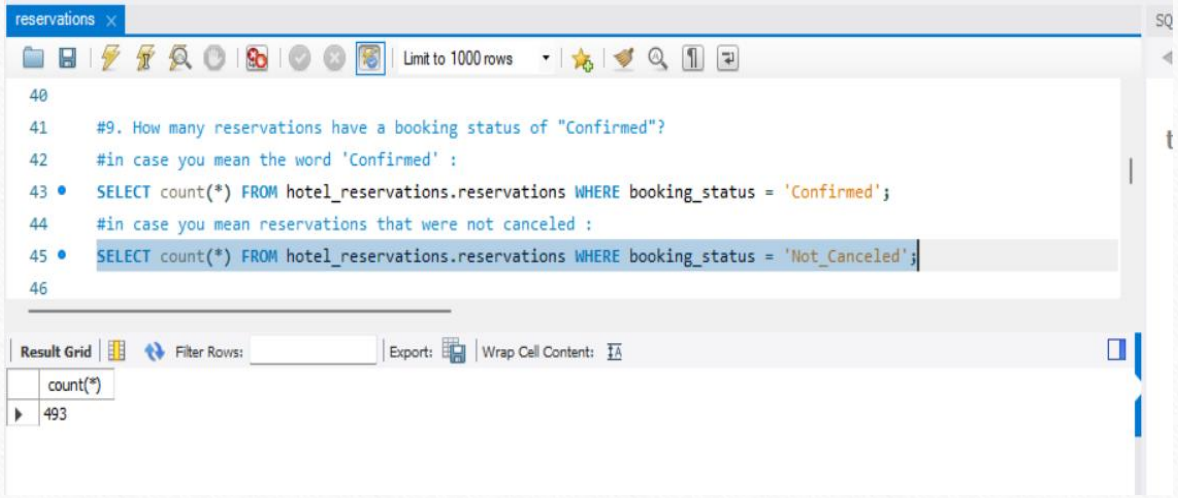
#8. What is the most common market segment type for reservations?



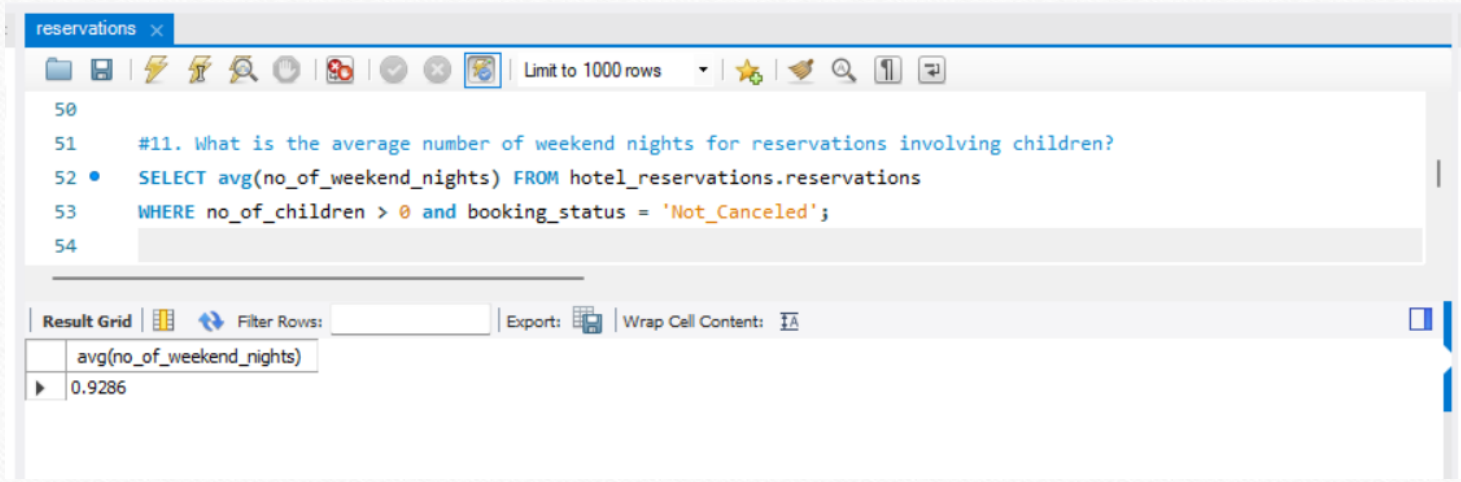
#9. How many reservations have a booking status of "Confirmed"?



#10. What is the total number of adults and children across all reservations?

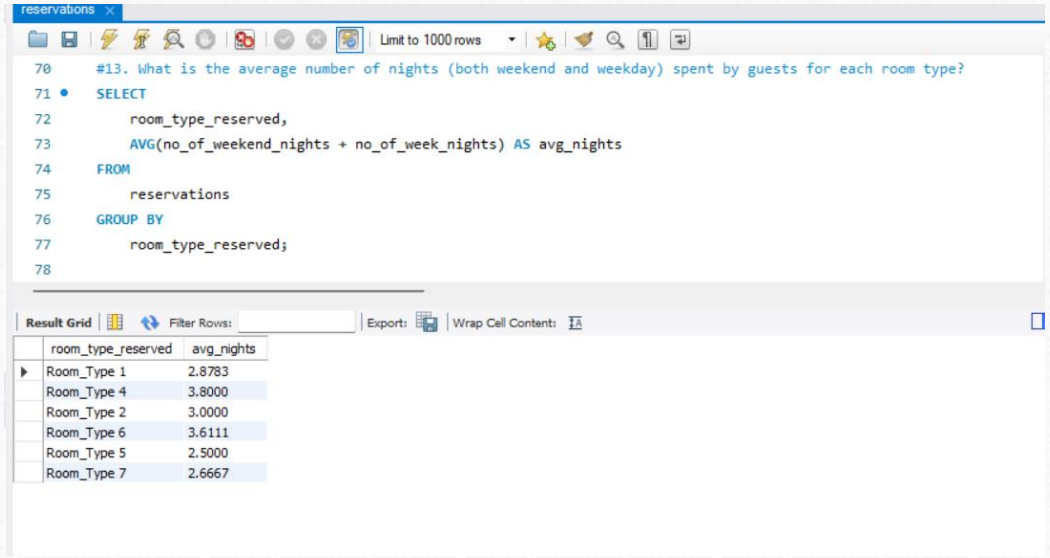


#11. What is the average number of weekend nights for reservations involving children?

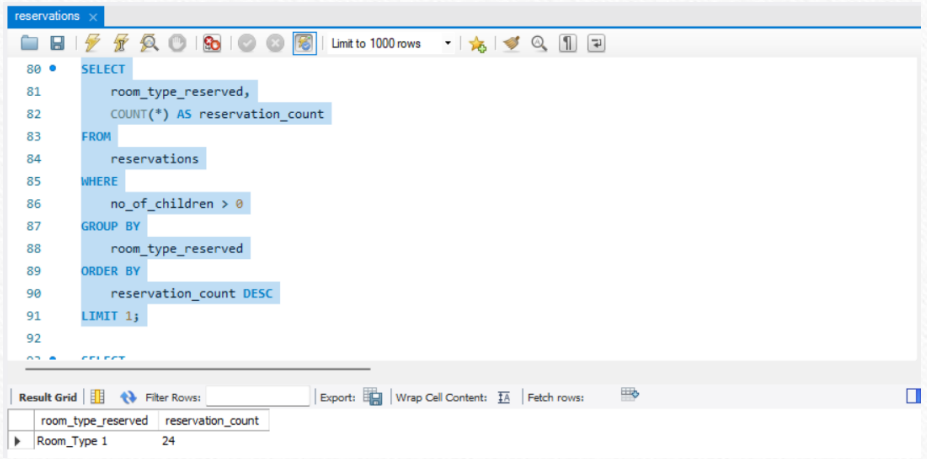


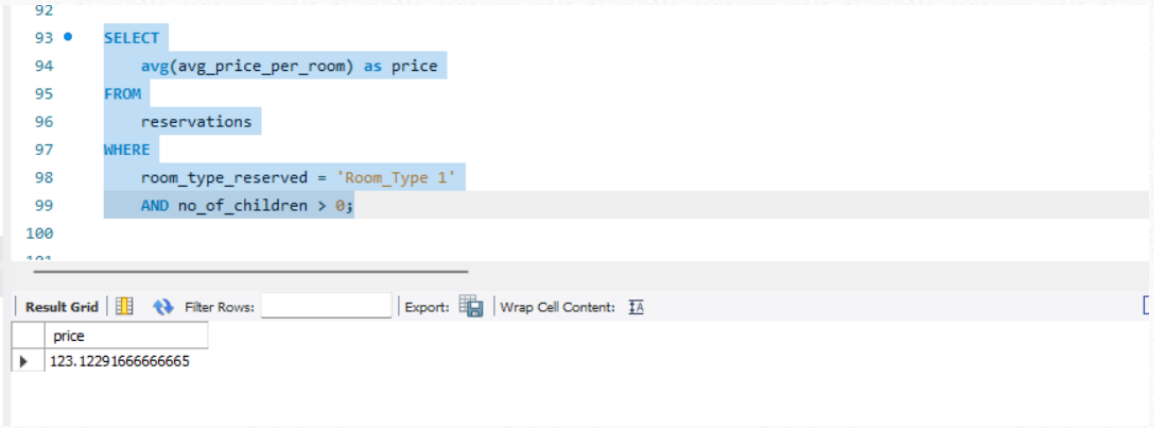
#12. How many reservations were made in each month of the year?

#13. What is the average number of nights (both weekend and weekday) spent by guests for each room type?



#14. For reservations involving children, what is the most common room type, and what is the average price for that room type?





To satisfy this query , first we need to get the most common room type

Then after getting the most common room type , we got the average price of that room

#15. Find the market segment type that generates the highest average price per room.