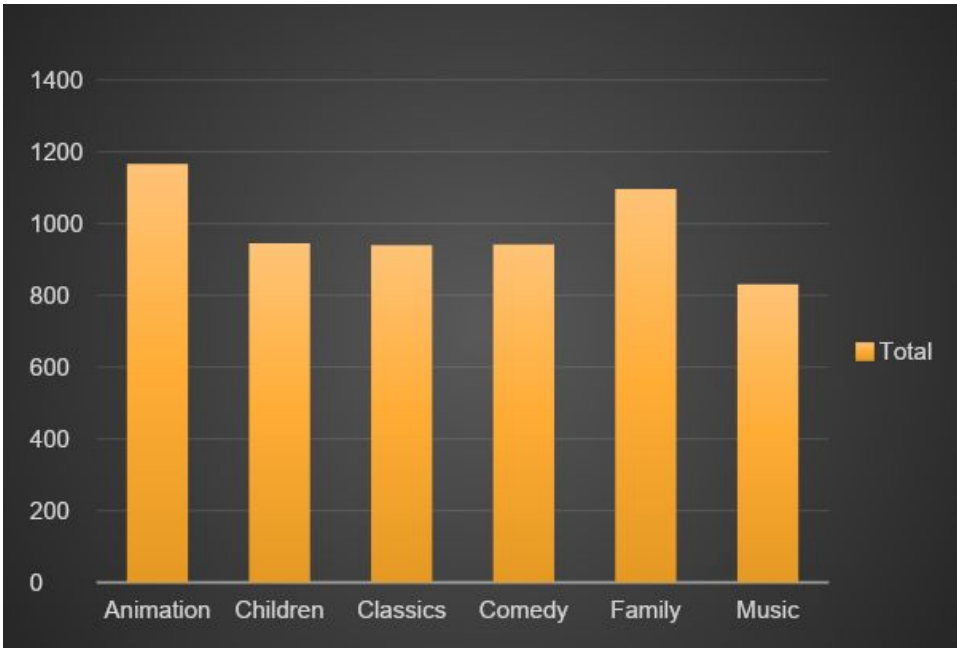


Question 1

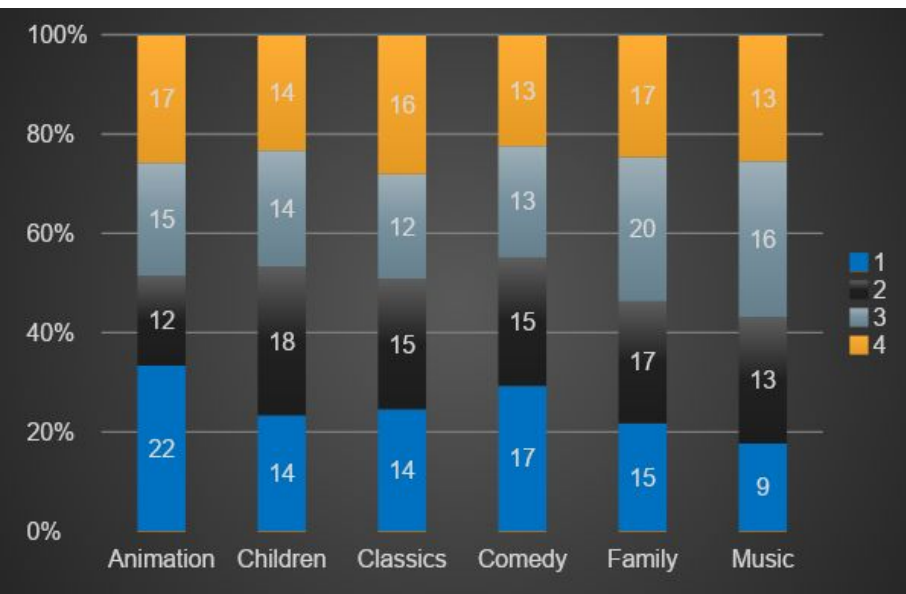
Create a query that lists each movie, the film category it is classified in, and the number of times it has been rented out.



We can see the number of times each film category rented out.

Question 2

Can you provide a table with the movie titles and divide them into 4 levels (first quarter, second quarter, third quarter, and final quarter) based on the quartiles (25%, 50%, 75%) of the rental duration for movies across all categories

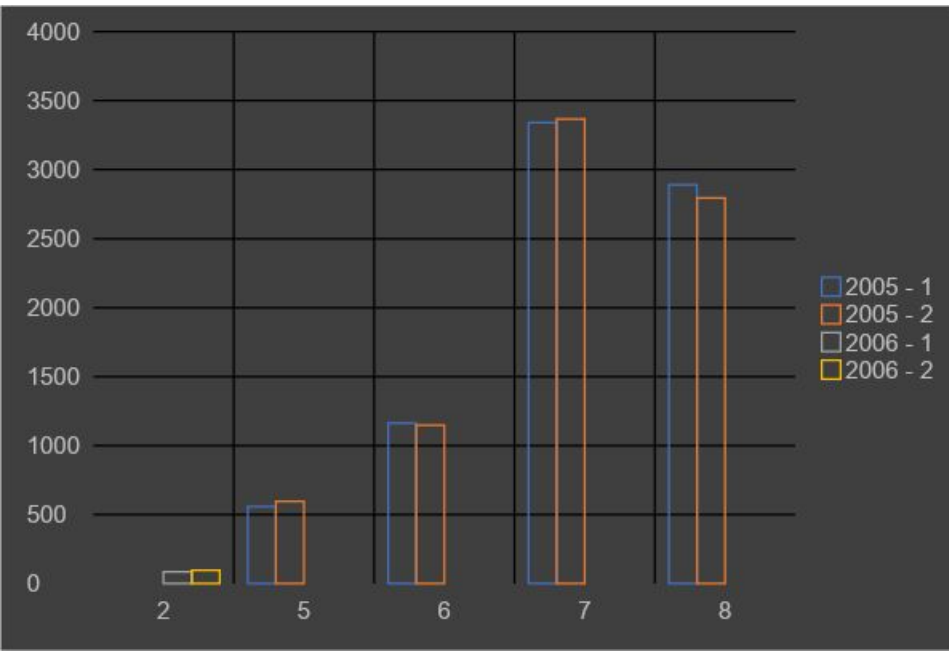


We can see 4 levels based on the quartiles 25%, 50%, 75%, 100% of the rental duration for movies across all categories

And we can see the total number of films in each categories for each level.

Question 3

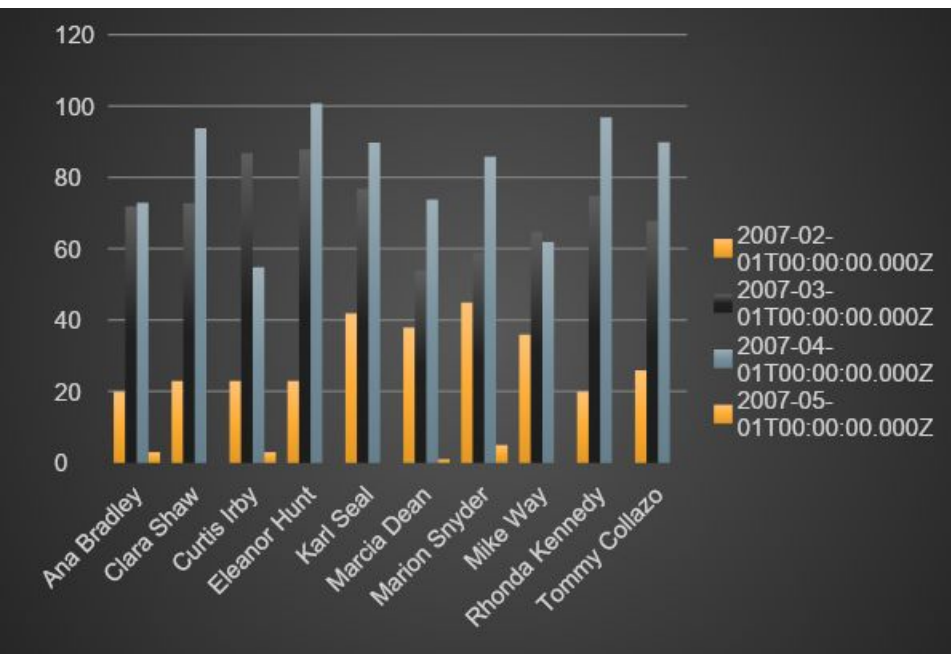
Write a query that returns the store ID for the store, the year and month and the number of rental orders each store has fulfilled for that month. Your table should include a column for each of the following: year, month, store ID and count of rental orders fulfilled during that month.



We can see the number of rental orders for each month in all years for two users with id= 1 and id =2

Question 3

Can you write a query to capture the customer name, month and year of payment, and total payment amount for each month by these top 10 paying customers



we can see the payment amount for each month in 2007 for the top 10 paying customers