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

film_title	category	rental_count
Snatchers Montezuma	Classics	1
Slums Duck	Family	1
Pond Seattle	Animation	1
Ferris Mother	Comedy	1
Hanover Galaxy	Music	1
Wisdom Worker	Comedy	1
Santa Paris	Children	1
Tramp Others	Comedy	1
Roman Punk	Music	1
Outfield Massacre	Music	1

- Table shows first 10 movie titles ordered from least rental_count
- Total table with no limit shows 350 film_titles along with corresponding category and total rental_count
- Query used is on **SET 1 Question 1** in the txt file

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

rental_month	rental_year	store_id	rental_count
2	2006	1	85
2	2006	2	182
5	2005	1	558
5	2005	2	1156
6	2005	1	1163
6	2005	2	2311
7	2005	1	3342
7	2005	2	6709
8	2005	1	2892
8	2005	2	5686

- This is the complete table
- A quick glance shows store_id 2 had larger sales across all months compared to store_id 1
- Query used is on **SET 2 Question 1** in the txt file

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

pay_month	full_name	paycount_per_month	pay_amt	personal_sum
2007-05-01T00:00:00.000Z	Marion Snyder	39	194.61	532.95
2007-04-01T00:00:00.000Z	Marion Snyder	38	189.62	532.95
2007-02-01T00:00:00.000Z	Marion Snyder	8	44.92	532.95
2007-03-01T00:00:00.000Z	Marion Snyder	20	103.8	532.95
2007-05-01T00:00:00.000Z	Curtis Irby	38	167.62	464.96
2007-04-01T00:00:00.000Z	Curtis Irby	37	164.63	464.96
2007-02-01T00:00:00.000Z	Curtis Irby	6	22.94	464.96
2007-03-01T00:00:00.000Z	Curtis Irby	23	109.77	464.96
2007-02-01T00:00:00.000Z	Marcia Dean	8	37.92	461.97
2007-03-01T00:00:00.000Z	Marcia Dean	18	91.82	461.97

- The table shows first 10 records as specified in the question
- The personal_sum column is a total dollar amount of the monthly payments, it is what I used to get the top 10 customers by re-arranging table into DISTINCT full_name and personal_sum
- Query is on **SET 2 QUESTION 2** in the txt file

The difference across the monthly payments for each of the top 10 paying customers during 2007. Please go ahead and write a query to compare the payment amounts in each successive month. Repeat this for each of these 10 paying customers

pay_mon	full_name	paycount_per_month	pay_amt	total_paid	lag	successive_diff_$
2007-02-01T00:00:00.000Z	Ana Bradley	4	19.96	19.96		
2007-03-01T00:00:00.000Z	Ana Bradley	20	91.8	131.72	19.96	71.84
2007-04-01T00:00:00.000Z	Ana Bradley	32	164.68	408.16	91.8	72.88
2007-05-01T00:00:00.000Z	Ana Bradley	33	167.67	852.27	164.68	2.99
2007-02-01T00:00:00.000Z	Angela Hernandez	7	21.93	21.93		
2007-03-01T00:00:00.000Z	Angela Hernandez	23	90.77	134.63	21.93	68.84
2007-04-01T00:00:00.000Z	Angela Hernandez	34	137.66	384.99	90.77	46.89
2007-05-01T00:00:00.000Z	Angela Hernandez	35	138.65	774	137.66	0.99
2007-02-01T00:00:00.000Z	Curtis Irby	6	22.94	22.94		
2007-03-01T00:00:00.000Z	Curtis Irby	23	109.77	155.65	22.94	86.83

- Table is a snippet of the complete 40 entry table containing details of the top 10 customers from Query used on *SET 2 Question 3a* in the txt file
- The customer with the highest difference was **Curtis Irby** who had a difference of **$86.83** between **Feb and Mar of 2007**.
- Solution was by Query **SET 2 Question 3b** in the txt file