**Question 2:**

We would like to know who were our top 10 paying customers, how many payments they made on a monthly basis during 2007, and what was the amount of the monthly payments. **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?**

**Answer:**

SELECT table2.payment\_month, table2.full\_name, table2.pay\_countpermon, table2.amount

FROM (SELECT CONCAT(first\_name,' ',last\_name) AS full\_name, SUM(payment.amount) AS amount

FROM customer

JOIN payment

ON customer.customer\_id = payment.customer\_id

GROUP BY full\_name

ORDER BY amount DESC

LIMIT 10) AS table1

JOIN (SELECT DATE\_TRUNC('month',payment.payment\_date) AS payment\_month, CONCAT(first\_name,' ',last\_name) AS full\_name, COUNT(\*) AS pay\_countpermon, SUM(payment.amount) AS amount

FROM customer

JOIN payment

ON customer.customer\_id = payment.customer\_id

GROUP BY full\_name, payment\_month

ORDER BY full\_name, payment\_month) AS table2

ON table1.full\_name = table2.full\_name