

```
WITH `main` AS (  
    SELECT payment.payment_id, payment.customer_id,  
           payment.staff_id, payment.rental_id,  
           payment.amount, payment.payment_date,  
           rental.rental_id, rental.rental_date,  
           rental.last_update,  
           customer.first_name, customer.last_name  
    FROM payment, rental, customer  
    WHERE payment.customer_id = rental.customer_id  
)  
SELECT first_name,  
SUM(amount) AS Total  
FROM main  
GROUP BY first_name;  
  
SELECT payment_id,  
SUM(amount) AS total  
FROM payment  
GROUP BY payment_id;  
  
SELECT A.first_name,  
       A.last_name,  
       SUM(B.amount) AS Total,  
       B.payment_date,  
       B.customer_id  
FROM customer A  
INNER JOIN payment B  
ON A.customer_id = B.customer_id  
GROUP BY A.first_name,  
         A.last_name,  
         B.payment_date,  
         B.customer_id  
ORDER BY Total DESC;  
  
SELECT *  
FROM film;  
  
CREATE VIEW film_cost AS  
SELECT title,  
       SUM(replacement_cost)  
FROM film  
GROUP BY title;  
  
SELECT *  
FROM film_cost;  
  
SELECT title,  
       SUM(replacement_cost)  
FROM film  
GROUP BY title;  
  
SELECT release_year,  
SUM(replacement_cost) AS Total  
FROM film  
GROUP BY release_year;  
  
SELECT A.film_id,
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A.title,  
A.release_year,  
A.rating,  
B.inventory_id,  
B.last_update  
FROM film A  
INNER JOIN inventory B  
WHERE A.film_id = B.film_id;  
  
SELECT A.payment_id, A.customer_id, A.staff_id,  
       B.first_name, B.last_name, B.email,  
       A.amount, A.payment_date  
FROM payment A  
INNER JOIN staff B  
ON A.staff_id = B.staff_id  
ORDER BY A.staff_id ASC;  
  
SELECT *  
FROM payment;  
  
SELECT COUNT(DISTINCT(customer_id))  
FROM payment;  
  
SELECT A.first_name, A.last_name,  
       B.customer_id,  
       SUM(B.amount) AS total_amount  
FROM customer A  
INNER JOIN payment B  
ON A.customer_id = B.customer_id  
GROUP BY A.first_name, A.last_name,  
         B.customer_id  
ORDER BY total_amount DESC;  
  
SELECT *  
FROM actor;  
  
INSERT INTO actor  
VALUES (201, "VICTOR", "NWARU", '2022-11-28 14:34:00');  
  
SELECT *  
FROM film_actor;  
  
SELECT COUNT(*)  
FROM film_actor;  
  
SELECT *  
FROM payment;
```