נערך ע"י : [שני לוי, איתמר שושן]

טבלת SQL עבור הפעולות

הערה: עבור פעולות שדרשו קלט – סומן כ-?

פעולה	SQL
1	select title,amount from books where title = ? and amount > 0
2	SELECT first_name, last_name from customers WHERE join_date >= '2000-01-01' ORDER BY join_date asc LIMIT 1
3	select title,available_date from books where available_date >= '2000-01-01 ' order by available_date asc limit 1
4	select order_id,order_date,order_complited, first_name,last_name from orders o inner join customers c on o.customer_id = c.customer_id where (order_date >='2020-06-01' and order_date < now()) ORDER BY order_date desc;
5	select count(*) from book_list_for_orders bfo inner join books b on bfo.book_id = b.book_id inner join orders o on bfo.order_id = o.order_id where b.title = ?
6	select a.first_name ,a.last_name,COUNT(ba.author_id) from books b inner join book_list_for_orders bfo ON bfo.book_id = b.book_id inner join orders o ON bfo.order_id = o.order_id inner join book_authors ba ON b.book_id = ba.book_id inner join authors a ON a.author_id = ba.author_id WHERE o.order_date >= ? and o.order_date < ? GROUP BY ba.author_id HAVING COUNT(ba.author_id) > 1 order by COUNT(ba.author_id) desc limit 1
7	select first_name,last_name ,sum(amount) from orders o inner join customers c ON o.customer_id = c.customer_id where order_complited = 'Yes' group by o.customer_id ORDER BY sum(amount) desc LIMIT 3
8	select title,COUNT(b.book_id) from book_translators bt inner join books b ON b.book_id = bt.book_id inner join translators t ON t.translator_id = bt.translator_id WHERE b.amount > 0 group by b.book_id HAVING COUNT(b.book_id) > 0 order by count(b.book_id) desc limit 1
9	select o.order_date,o.pyment_date, o.order_status,b.title, b.price from book_list_for_orders bo inner join books b ON b.book_id = bo.book_id inner join orders o ON bo.order_id = o.order_id inner join customers c ON o.customer_id = c.customer_id WHERE c.first_name = ? and c.last_name = ? and o.order_complited= 'Yes' order by o.pyment_date desc
10	select o.order_date,o.order_status,b.title, b.amount, o.order_complited, b.price from book_list_for_orders bo inner join books b ON b.book_id = bo.book_id inner join orders o ON bo.order_id = o.order_id inner join customers c ON o.customer_id = c.customer_id WHERE c.first_name = ? and c.last_name = ? ORDER BY order_date desc
11	select sum((b.price + b.weight +ExtraXpress)),d.address,city,d.delivery_id AS total_price_fer_order from book_list_for_orders bo inner join orders o on o.order_id = bo.order_id inner join books b on b.book_id = bo.book_id inner join customers c on o.customer_id = c.customer_id inner join delivery d on d.delivery_id = bo.delivery_id inner join delivery_for_orders dd on dd.delivery_id = d.delivery_id WHERE d.address= ? and num_address = ? and city= ? GROUP BY d.delivery_id order by d.delivery_id asc
12	select dfo.delivery_id,o.order_id,o.order_date, d.city,d.address ,b.title from book_list_for_orders bo inner join orders o on bo.order_id = o.order_id

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inner join books b on b.book_id = bo.book_id inner join customers c on o.customer_id = c.customer_id inner join delivery_for_orders dfo on dfo.delivery_id = bo.delivery_id inner join delivery d on dfo.delivery_id = d.delivery_id WHERE c.first_name = ? and c.last_name = ?	
select dfo.delivery_status from delivery_for_orders dfo inner join delivery d on d.delivery_id = dfo.delivery_id inner join orders o on o.order_id = dfo.order_id inner join customers c on o.customer_id = c.customer_id WHERE c.mobile = ? and d.address = ? and d.city = ?	13
SELECT count(MONTH(delivery_date)) from delivery_for_orders dfo inner join orders o on o.order_id = dfo.order_id WHERE dfo.shipment = 'Xpress' and MONTH(delivery_date)= ? and Year(delivery_date)= ? order by delivery_date desc	14
SELECT sum(price) from book_list_for_orders blfo inner join orders o on o.order_id = blfo.order_id inner join books b on b.book_id = blfo.book_id WHERE o.payment_method ='Transfer by Bit' and MONTH(o.pyment_date)= ? and YEAR(o.pyment_date)= ?	15
SELECT price_for_order,order_id from orders o WHERE o.order_date >= '2019-06-01' and o.order_date < now() and order_complited = 'Yes' and price_for_order > (SELECT sum(price_for_order/12) FROM orders where order_complited = 'Yes' and pyment_date <= '2019-06-01' and pyment_date < now(()	16
SELECT count(dfo.shipment),dfo.shipment from delivery_for_orders dfo inner join delivery d on d.delivery_id = dfo.delivery_id inner join orders o on o.order_id = dfo.order_id WHERE dfo.delivery_date between '2019-07-01' and now () GROUP BY dfo.shipment HAVING COUNT(dfo.shipment) >= 1 order by dfo.shipment	17
SELECT address,city,dfo.delivery_date,d.delivery_id from delivery_for_orders dfo inner join delivery d on d.delivery_id = dfo.delivery_id inner join orders o on o.order_id = dfo.order_id inner join book_list_for_orders blo on o.order_id = blo.order_id inner join publisher p on p.publisher_id = blo.publisher_id inner join books b on b.book_id = blo.book_id group by b.book_id , d.delivery_id HAVING MAX(p.edition) > MIN(p.edition)	18
SELECT mobile,last_name,first_name from orders o inner join customers c on o.customer_id = c.customer_id WHERE o.order_date >= '2000-01-01' and o.order_date < '2018-08-01' and order_complited= 'Yes' and c.customer_id in (SELECT c.customer_id FROM orders o inner join customers on o.customer_id = c.customer_id WHERE order_date >= '2018-08-01' and order_date < now() and o.order_complited = 'No ' group by o.customer_id HAVING count(distinct mobile)> 0 order by o.customer_id)	19
SELECT c.mobile,c.first_name,c.last_name,cc.days_pass,cc.purchased FROM orders o inner join customers c on o.customer_id = c.customer_id inner join contacts cc on cc.order_id = o.order_id inner join book_list_for_orders bl on o.order_id = bl.order_id inner join books b on bl.book_id = b.book_id WHERE cc.days_pass < 14 and cc.purchased = 'Not Purchased ' group by o.customer_id HAVING COUNT(o.customer_id) > 0 order by o.customer_id	20
SELECT sum(set_amount_in_storage),year(purchas_date),MONTH(purchas_date) FROM orders_from_provider group by MONTH(purchas_date),year(purchas_date) order by purchas_date asc	21
SELECT sum(amount) as total_amount, sum(purchas_price) as total_paid FROM orders_from_provider WHERE purchas_date >= '2020-01-01' and purchas_date < now()	22
SELECT (sum(price_for_order) - sum(purchas_price)) as profit FROM total_orders t inner join orders_from_provider p on p.order_provider_id = t.order_provider_id inner join orders o on o.order_id = t.order_id WHERE MONTH(date_date) = ? and YEAR(date_date) = ?	23
SELECT avg(price_for_order),Year(o.order_date),MONTH(o.order_date) FROM orders o WHERE (MONTH(o.order_date) and Year(o.order_date)) and order_complited='Yes' group by MONTH(o.order_date),Year(o.order_date) HAVING count(o.order_date) > 0	24

order by o.order_date	
SELECT gross_salary FROM employees_paycheck ep inner join employees e on e.employee_id = ep.employee_id WHERE e.first_name = ? and e.last_name = ? and MONTH(paycheck_date) = ? and YEAR(paycheck_date)=?	25
SELECT count(e.phone),e.last_name ,e.first_name FROM orders o inner join employees e on e.employee_id = o.employee_id WHERE order_complited = 'Yes' and month(o.pyment_date)=7 and year(o.pyment_date)=2020 group by e.phone HAVING count(e.phone) > 0 order by count(e.phone) desc limit 1	26