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1.	σ stock != 0 (books)	SELECT * FROM books WHERE stock != 0;
2.	σ order_status != 'Delivered' (orders)	SELECT * FROM orders WHERE order_status != 'Delivered';
3.	σ (customers)	SELECT * FROM customers;
4.	σ (suppliers)	SELECT * FROM suppliers;
5.	σ transaction_date >= ? ∧ transaction_date <= ? (transactions) (transactions ⋈ customers ⋈ books)	SELECT * FROM transactions inner join customers on customers.customer_number = transactions.customer_number inner join books on books.book_id = transactions.book_id WHERE transaction_date >= ? AND transaction_date <= ?;
6.	σ discount > 0 (books)	SELECT * FROM books WHERE discount > 0;
7.	σ book_name = ? (books)	SELECT * FROM books WHERE book_name = ?;
8.	σ book_name = ? (suppliers) (suppliers ⋈ sup_books ⋈ books)	SELECT * FROM suppliers inner join sup_books on sup_books.supplier_id = suppliers.supplier_id inner join books on books.book_id = sup_books.book_id where book_name = ?;
9.	σ book_name = ? ∧ transaction_date >= ? (transactions ⋈ books)	SELECT * FROM transactions inner join books on transactions.book_id = books.book_id WHERE book_name = ? AND transaction_date >= ?;
10.	σ first_name = ? ∧ last_name = ? ∧ transaction_date >= ? (transactions ⋈ customers)	SELECT * FROM transactions inner join customers on transactions.customer_number = customers.customer_number WHERE first_name = ? AND last_name = ? AND transaction_date >= ?;
11.	π customer_number (σ transaction_date >= ? (transactions))	SELECT customer_number, sum(amount) FROM transactions where transaction_date >= ? group by customer_number order by sum(amount) desc;
12.	1. σ book_id (orders) 2. σ book_id = ? (sup_books)	1- SELECT book_id, sum(amount) FROM orders group by book_id order by sum(amount) desc; 2- SELECT * FROM sup_books WHERE book_id = ?;
13.	σ order_date >= ? ∧ order_date <= ? (orders)	SELECT * FROM orders WHERE order_date >= ? AND order_date <= ?;
14.	σ order_status = 'Delivered' ∧ order_date >= ? ∧ order_date <= ?	SELECT * FROM orders WHERE order_status = 'Delivered' AND order_date >= ? AND order_date <= ?;
15.	σ first_name = ? ∧ last_name = ? ∧ transaction_date >= ? (transactions)	SELECT * FROM transactions inner join books on books.book_id =

		transactions.book_id inner join customers on customers.customer_number = transactions.customer_number WHERE first_name = ? AND last_name = ? AND transaction_date >= ?;
	(transactions ⋈ books ⋈ customers)	
16.	σ transaction_date >= ? ∧ transasction_date <= ? (transactions) (transactions ⋈ books)	SELECT * FROM transactions inner join books on transactions.book_id = books.book_id WHERE transaction_date >= ? AND transaction_date <= ?;
17.	σ join_date >= ? (customers)	SELECT * FROM customers WHERE join_date >= ?;
18.	σ order_date >= ? ∧ order_date <= ? (orders) (orders ⋈ sup_books)	SELECT * FROM orders inner join sup_books on sup_books.book_id = orders.book_id WHERE order_date >= ? AND order_date <= ?;
19.	σ sold_by = ? ∧ transaction_date >= ? ∧ transaction_date <= ? (transactions)	SELECT * FROM transactions WHERE sold_by = ? AND transaction_date >= ? AND transaction_date <= ?;
20.	π book_id (σ transaction_date >= ? && transaction_date <= ?(transactions))	SELECT book_id, sum(amount) FROM transactions where transaction_date >= ? AND transaction_date <= ? group by book_id order by sum(amount) desc LIMIT 10;