```sql
/*Action1*/
SELECT *
FROM books
LEFT JOIN books_inventory ON books.book_id=books_inventory.book_id
WHERE books_inventory.amount > 0;

/*Action2*/
SELECT *
FROM book_orders
where (book_orders.status_id != 4 AND book_orders.status_id !=5);

/*Action3*/
SELECT *
FROM customers;

/*Action4*/
SELECT *
FROM suppliers;

/*Action5*/
SELECT *
FROM purchases
WHERE (purch_date BETWEEN 'fromDate' AND 'tilDate');

/*Action6*/
SELECT *
FROM global_discount;


/*Action7*/
SELECT books_inventory.book_id, book_name, author_name, amount
FROM (
    SELECT book_id, book_name, author_name
    FROM books
    WHERE book_name = 'bookName' AND author_name = 'bookAuthor'
) AS search_book
LEFT JOIN books_inventory ON search_book.book_id = books_inventory.book_id;

    /*Action8*/
    SELECT suppliers.supp_id, supp_name, phone, book_id, supplier_price
FROM (
    SELECT book_suplliers_prices.book_id, supp_id, supplier_price
    FROM (
        SELECT book_id
        FROM books
        WHERE book_name = 'bookName' AND author_name = 'bookAuthor'
    ) AS search_book
    LEFT JOIN book_suplliers_prices  ON search_book.book_id = book_suplliers_prices.book_id
) AS supplie_books
LEFT JOIN suppliers ON suppliers.supp_id = supplie_books.supp_id;

/*Action9*/
SELECT COUNT(book_id) AS books_sold, book_name, author_name
FROM (
    SELECT purch_id, purchases.book_id, book_name, author_name, purch_date, canceled
    FROM (
        SELECT book_id, book_name, author_name
        FROM books
        WHERE book_name = 'bookName' AND author_name = 'bookAuthor'
    ) AS search_book
    LEFT JOIN purchases ON purchases.book_id = search_book.book_id
    WHERE purch_date >= 'fromDate' AND canceled = false
) AS books_purch;
```

```sql
/*Action10*/
SELECT COUNT(book_id) AS total_books, COUNT(DISTINCT book_id) AS differant_books
FROM (
    SELECT *
    FROM purchases
    WHERE cust_id ='custID' AND canceled = false AND purch_date >= 'fromDate'
) AS cust_purch;

/*Action11*/
SELECT best_customer.cust_id, book_amount, cust_name, phone
FROM (
    SELECT *
    FROM (
        SELECT cust_id, COUNT(cust_id) book_amount
        FROM (
            SELECT *
            FROM purchases
            WHERE canceled = false AND purch_date >= 'fromDate'
        ) AS purch
        GROUP BY cust_id
    ) AS custs_books
    ORDER BY book_amount DESC
    LIMIT 1
) AS best_customer
LEFT JOIN customers ON customers.cust_id = best_customer.cust_id;


/*Action12*/
SELECT amount, best_supp.supp_id, supp_name, phone
FROM (
    SELECT *
    FROM (
        SELECT supp_id, SUM(amount) AS amount
        FROM book_orders
        WHERE order_date >= 'fromDate' AND  status_id != 5
        GROUP BY supp_id
    ) AS supps_book_amounts
    ORDER BY amount DESC
    LIMIT 1
) AS best_supp
LEFT JOIN suppliers ON suppliers.supp_id = best_supp.supp_id;


/*Action13*/
SELECT COUNT(order_id) orders_amount, SUM(amount) books_amount
FROM (
    SELECT *
    FROM book_orders
    WHERE (order_date BETWEEN 'fromDate' AND 'tilDate') AND status_id != 5
) AS orders_amount_by_book;

/*Action14*/
SELECT COUNT(order_id) orders_amount, SUM(amount) books_amount
FROM (
    SELECT *
    FROM book_orders
    WHERE (order_date BETWEEN 'fromDate' AND 'tilDate') AND status_id = 4
) AS orders_amount_by_book;


/*Action15*/
SELECT SUM(discount) AS total_disc
FROM (
    SELECT full_book_price -total_after_discount AS discount
    FROM (
        SELECT *
        FROM purchases
        WHERE ( purch_date BETWEEN 'fromDate' AND 'tilDate') AND cust_id = '1' AND canceled = false
    ) AS cust_disc
) AS disc_sum;
```

```sql
/*Action16*/
SELECT *
FROM (
    SELECT *
    FROM (
        SELECT SUM(total_after_discount) AS total_Q1
        FROM purchases
        WHERE (purch_date BETWEEN 'fromDate' AND 'tilDate') AND canceled = false
    ) AS Q1
    LEFT JOIN (
        SELECT *
        FROM (
            SELECT SUM(total_after_discount) AS total_Q2
            FROM purchases
            WHERE (purch_date BETWEEN 'fromDate' AND 'tilDate') AND canceled = false
            ) AS Q2
    ) Q1Q2 ON (total_Q1 OR total_Q1 IS NULL)
    LEFT JOIN (
        SELECT *
        FROM (
            SELECT SUM(total_after_discount) AS total_Q3
            FROM purchases
            WHERE (purch_date BETWEEN 'fromDate' AND 'tilDate') AND canceled = false
            ) AS Q3
    ) Q1Q2Q3 ON (total_Q1 OR total_Q1 IS NULL)
    LEFT JOIN (
        SELECT *
        FROM (
            SELECT SUM(total_after_discount) AS total_Q4
            FROM purchases
            WHERE (purch_date BETWEEN 'fromDate' AND 'tilDate') AND canceled = false
            ) AS Q4
    ) Q1Q2Q3Q4 ON (total_Q1 OR total_Q1 IS NULL)
) AS revenue;


/*Action17*/
SELECT COUNT(cust_id) AS new_custs
FROM (
select *
FROM customers
) AS new_cust
WHERE (join_date>= ' fromDate ');



/*Action18*/
SELECT SUM(total_price) AS total_price
FROM (
    SELECT *
    FROM book_orders
    WHERE supp_id = 'suppID' AND (order_date BETWEEN 'fromDate' AND 'tilDate') AND status_id != 5
) AS supp_orders;


/*Action19*/
SELECT SUM(total_after_discount) AS total_for_seller
FROM (
    SELECT *
    FROM purchases
    WHERE seller_id = 'sellID' AND (purch_date BETWEEN 'fromDate' AND 'tilDate') AND canceled = false
) AS seller_purch;


/*Action20*/
SELECT *
FROM (
    SELECT books.book_id, book_name, author_name, amount
    FROM (
        SELECT book_id, COUNT(*) AS amount
        FROM purchases
        WHERE (purch_date BETWEEN 'fromDate' AND 'tilDate') AND canceled = false
        GROUP BY book_id
    ) AS count_amount
    LEFT JOIN books ON books.book_id = count_amount.book_id
) AS top_10
ORDER BY amount DESC
LIMIT 10;
```