Assignment 9: Prepare a series of SQL statements to INSERT new records into the library tables, UPDATE existing records with new information, and DELETE records based on specific criteria. Include BULK INSERT operations to load data from an external source.

Here's an example series of SQL statements that include INSERT, UPDATE, DELETE, and BULK INSERT operations for a hypothetical library database:

```
-- INSERT new records into the 'books' table
INSERT INTO books (title, author, publication_year, genre)
VALUES ('To Kill a Mockingbird', 'Harper Lee', 1960, 'Fiction'),
    ('1984', 'George Orwell', 1949, 'Dystopian'),
    ('The Great Gatsby', 'F. Scott Fitzgerald', 1925, 'Classic');

-- UPDATE existing records in the 'books' table
UPDATE books
SET publication_year = 1948
WHERE title = '1984';

-- DELETE records from the 'books' table based on specific criteria
DELETE FROM books
```

```
WHERE publication_year < 1950;


-- BULK INSERT operation to load data from an external source into the 'members' table
BULK INSERT members
FROM 'C:\path\to\members_data.csv'
WITH (FIELDTERMINATOR = ',', ROWTERMINATOR = '\n', FIRSTROW = 2);
-- Assuming CSV file with headers in the first row
```

In this script:

We first insert new records into the books table for three different books.

Then, we update an existing record in the books table to change the publication year of the book "1984" to 1948.

Next, we delete records from the books table where the publication year is before 1950.

Finally, we perform a BULK INSERT operation to load data from an external CSV file (members_data.csv) into the members table. Adjust the file path and import settings (FIELDTERMINATOR, ROWTERMINATOR, FIRSTROW, etc.) based on your file format and structure.

Ensure that you replace table names (books, members) and column names (title, author, publication_year, genre, etc.) with the actual names from your database schema. Also, adjust file paths and import settings as needed for the BULK INSERT operation.