Consider a hypothetical database for a library management system. Design and implement the following database schema:

Tables:

1. **Books:**
    - book_id (Primary Key)
    - title
    - author
    - publication_year
    - genre
    - available_copies
2. **Members:**
    - member_id (Primary Key)
    - name
    - address
    - phone_number
    - membership_start_date
    - membership_end_date
3. **Borrowed_Books:**
    - borrow_id (Primary Key)
    - book_id (Foreign Key to Books.book_id)
    - member_id (Foreign Key to Members.member_id)
    - borrow_date
    - due_date
    - return_date

Tasks:

1. **DDL Operations:**
    - Create the above tables with appropriate data types and constraints (primary keys, foreign keys, not null, etc.).
    - Alter the Books table to add a new column publisher.
    - Drop the Borrowed_Books table.

2. **DML Operations:**
    - Insert 5 records into the Books table.
    - Insert 3 records into the Members table.
    - Insert 4 records into the Borrowed_Books table.
    - Update the publication_year of a specific book.
    - Delete a member from the Members table.
3. **Cascading Constraints:**
    - Implement a cascading delete constraint on the Borrowed_Books table so that when a book is deleted, all related borrow records are also deleted automatically.
    - Demonstrate the effect of this constraint by deleting a book.

Submission:

Submit a **.sql** file containing the SQL statements for the above tasks. Also, include a brief explanation of each step and the output of each query On **WhatsApp group** also mention your name.