# **Assignment: 02**

**(C) Queries**

1. **Books published after 2010**:
2. **Members with last name starting with 'S'**:
3. **Title, Author, and Borrowing Member**:

**Question 4:**

* SELECT Clause :

Specifies the columns to retrieve from the database.

Example:

* WHERE Clause :

Filters rows based on specified conditions.

Example :

* ORDERBY Clause :

Sorts the result set by one or more columns, either in ascending or descending order.

Example :

* GROUP BY Clause :

Groups rows with the same values in specified columns and allows aggregate functions (e.g., COUNT, SUM, AVG) to be applied.

Example :

* HAVING Clause :

Filters groups based on conditions after grouping.

Example :

COMBINED EXAMPLES :

**Question 5 :**

1. **Inner JOIN** :

Returns only the rows where there is a match between the two tables.

**Example**

1. **LEFT JOIN** :

Returns all rows from the left table and the matching rows from the right table.

**Example**

1. **RIGHT JOIN:**

Returns all rows from the right table and the matching rows from the left table.

**Example**

1. **FULL OUTER JOIN :**

Combines the results of both LEFT JOIN and RIGHT JOIN.

**Example**