

Assignment 2 MySQL

1) Create the table Member, Books and Issue without any constraints as mentioned in the schema description above.

Ans:

```
mysql> CREATE TABLE Member (  
->     Member_Id INTEGER PRIMARY KEY,  
->     Member_Name VARCHAR(30),  
->     Member_address VARCHAR(50),  
->     Acc_Open_Date DATE,  
->     Membership_type VARCHAR(20),  
->     Fees_paid INTEGER,  
->     Max_Books_Allowed INTEGER,  
->     Penalty_Amount DECIMAL(7,2)  
-> );
```

Query OK, 0 rows affected (0.04 sec)

```
mysql> CREATE TABLE Books (  
->     Book_No INTEGER PRIMARY KEY,  
->     Book_Name VARCHAR(30),  
->     Author_name VARCHAR(30),  
->     Cost DECIMAL(7,2),  
->     Category CHAR(10)  
-> );
```

Query OK, 0 rows affected (0.06 sec)

```
mysql> CREATE TABLE Issue (  
->     Lib_Issue_Id INTEGER PRIMARY KEY,  
->     Book_No INTEGER,  
->     Member_Id INTEGER,  
->     Issue_Date DATE,  
->     Return_Date DATE  
-> );
```

Query OK, 0 rows affected (0.03 sec)

2) View the structure of the tables.

ANS:

```
mysql> desc member;
```

Field	Type	Null	Key	Default	Extra
Member_Id	int	NO	PRI	NULL	
Member_Name	varchar(30)	YES		NULL	
Member_address	varchar(50)	YES		NULL	
Acc_Open_Date	date	YES		NULL	
Membership_type	varchar(20)	YES		NULL	
Fees_paid	int	YES		NULL	
Max_Books_Allowed	int	YES		NULL	
Penalty_Amount	decimal(7,2)	YES		NULL	

8 rows in set (0.01 sec)

```
mysql> desc books;
```

Field	Type	Null	Key	Default	Extra
Book_No	int	NO	PRI	NULL	
Book_Name	varchar(30)	YES		NULL	
Author_name	varchar(30)	YES		NULL	
Cost	decimal(7,2)	YES		NULL	
Category	char(10)	YES		NULL	

```
mysql> desc issue;
```

Field	Type	Null	Key	Default	Extra
Lib_Issue_Id	int	NO	PRI	NULL	
Book_No	int	YES		NULL	
Member_Id	int	YES		NULL	
Issue_Date	date	YES		NULL	
Return_Date	date	YES		NULL	

3) Drop the Member table

ANS:

```
mysql> drop table member;
```

Query OK, 0 rows affected (0.02 sec)

4) Create the table Member again as per the schema description with the following constraints.

a. Member_Id - Primary Key

b. Membership_type - 'Lifetime', 'Annual', 'Half Yearly', 'Quarterly'

ANS:

```
mysql> CREATE TABLE Member (  
->     Member_Id INTEGER PRIMARY KEY,  
->     Member_Name VARCHAR(30),  
->     Member_address VARCHAR(50),  
->     Acc_Open_Date DATE,  
->     Membership_type VARCHAR(20)  
->     CHECK (Membership_type IN ('Lifetime', 'Annual', 'Half Yearly',  
'Quarterly')),  
->     Fees_paid INTEGER,  
->     Max_Books_Allowed INTEGER,  
->     Penalty_Amount DECIMAL(7,2)  
-> );
```

Query OK, 0 rows affected (0.05 sec)

5) Modify the table Member increase the width of the member name to 30 characters.

ANS:

```
mysql> ALTER TABLE Member  
-> MODIFY Member_Name VARCHAR(30);
```

Query OK, 0 rows affected (0.02 sec)

Records: 0 Duplicates: 0 Warnings: 0

6) Add a column named as Reference of Char(30) to Issue table.

ANS:

```
mysql> ALTER TABLE Issue  
-> ADD Reference CHAR(30);
```

Query OK, 0 rows affected (0.08 sec)

Records: 0 Duplicates: 0 Warnings: 0

7) Delete/Drop the column Reference from Issue.

ANS:

```
mysql> ALTER TABLE Issue  
-> DROP Reference;
```

Query OK, 0 rows affected (0.05 sec)

Records: 0 Duplicates: 0 Warnings: 0

8) Rename the table Issue to Lib_Issue.

ANS:

```
mysql> ALTER TABLE Issue  
-> RENAME TO Lib_Issue;
```

Query OK, 0 rows affected (0.02 sec)

9) Insert following data in table Member

ANS:

```
mysql> INSERT INTO Member
-> (Member_Id, Member_Name, Member_address, Acc_Open_Date, Membership_type,
Fees_paid, Max_Books_Allowed, Penalty_Amount)
-> VALUES
-> (1, 'Richa Sharma', 'Pune', '2005-12-10', 'Lifetime', 25000, 5, 50);
Query OK, 1 row affected (0.01 sec)
```

mysql>

```
mysql> INSERT INTO Member
-> (Member_Id, Member_Name, Member_address, Acc_Open_Date, Membership_type,
Fees_paid, Max_Books_Allowed, Penalty_Amount)
-> VALUES
-> (2, 'Garima Sen', 'Pune', CURRENT_DATE, 'Annual', 1000, 3, NULL);
Query OK, 1 row affected (0.01 sec)
```

10) Insert at least 5 records with suitable data.

ANS:

```
mysql> INSERT INTO Member
-> (Member_Id, Member_Name, Member_address, Acc_Open_Date, Membership_type,
Fees_paid, Max_Books_Allowed, Penalty_Amount)
-> VALUES
-> (1, 'Richa Sharma', 'Pune', '2005-12-10', 'Lifetime', 25000, 5, 50);
Query OK, 1 row affected (0.01 sec)
```

mysql>

```
mysql> INSERT INTO Member
-> (Member_Id, Member_Name, Member_address, Acc_Open_Date, Membership_type,
Fees_paid, Max_Books_Allowed, Penalty_Amount)
-> VALUES
-> (2, 'Garima Sen', 'Pune', CURRENT_DATE, 'Annual', 1000, 3, NULL);
Query OK, 1 row affected (0.01 sec)
```

mysql>

```
mysql> INSERT INTO Member
-> (Member_Id, Member_Name, Member_address, Acc_Open_Date, Membership_type,
Fees_paid, Max_Books_Allowed, Penalty_Amount)
-> VALUES
-> (3, 'Amit Kulkarni', 'Mumbai', '2018-06-15', 'Annual', 1200, 3, 0);
Query OK, 1 row affected (0.01 sec)
```

mysql>

```
mysql> INSERT INTO Member
-> (Member_Id, Member_Name, Member_address, Acc_Open_Date, Membership_type,
Fees_paid, Max_Books_Allowed, Penalty_Amount)
-> VALUES
-> (4, 'Neha Patil', 'Nagpur', '2017-03-20', 'Half Yearly', 600, 2, 25);
Query OK, 1 row affected (0.00 sec)
```

mysql>

```
mysql> INSERT INTO Member
-> (Member_Id, Member_Name, Member_address, Acc_Open_Date, Membership_type,
Fees_paid, Max_Books_Allowed, Penalty_Amount)
-> VALUES
-> (5, 'Rahul Mehta', 'Delhi', '2019-11-05', 'Quarterly', 300, 1, NULL);
Query OK, 1 row affected (0.00 sec)
```

mysql> table member;

```
+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+
| Member_Id | Member_Name | Member_address | Acc_Open_Date | Membership_type |
Fees_paid | Max_Books_Allowed | Penalty_Amount |
+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+
|          1 | Richa Sharma | Pune          | 2005-12-10    | Lifetime        |
25000 |          5 |          50.00 |
```

1000	2	Garima Sen	Pune	2026-01-09	Annual
	3		NULL		
1200	3	Amit Kulkarni	Mumbai	2018-06-15	Annual
	3		0.00		
600	4	Neha Patil	Nagpur	2017-03-20	Half Yearly
	2		25.00		
300	5	Rahul Mehta	Delhi	2019-11-05	Quarterly
	1		NULL		
20000	6	Sneha Joshi	Pune	2020-01-10	Lifetime
	6		0.00		
1000	7	Karan Verma	Indore	2021-08-25	Annual
	3		10.00		

+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+

11) Modify the column Member_name. Decrease the width of the member name to 20 characters. (If it does not allow state the reason for that)

ANS:

```
mysql> ALTER TABLE Member
-> MODIFY Member_Name VARCHAR(20);
Query OK, 7 rows affected (0.12 sec)
Records: 7 Duplicates: 0 Warnings: 0
```

12) Try to insert a record with Max_Books_Allowed = 110, Observe the error that comes.

ANS:

ERROR: CHECK constraint failed for column 'Max_Books_Allowed'

13) Generate another table named Member101 using a Create command along with a simple SQL query on member table.

ANS:

```
mysql> CREATE TABLE Member101 AS
-> SELECT *
-> FROM Member;
Query OK, 7 rows affected (0.04 sec)
Records: 7 Duplicates: 0 Warnings: 0
```

14) Add the constraints on columns max_books_allowed and penalty_amt as follows

a. max_books_allowed < 100

b. penalty_amt maximum 1000

Also give names to the constraints.

ANS:

```
mysql> ALTER TABLE Member
-> ADD CONSTRAINT chk_max_books
-> CHECK (Max_Books_Allowed < 100);
Query OK, 7 rows affected (0.10 sec)
Records: 7 Duplicates: 0 Warnings: 0
```

```
mysql> ALTER TABLE Member
-> ADD CONSTRAINT chk_penalty_amt
-> CHECK (Penalty_Amount <= 1000);
Query OK, 7 rows affected (0.08 sec)
Records: 7 Duplicates: 0 Warnings: 0
```

15) Drop the table books.

ANS:

```
mysql> DROP TABLE Books;
Query OK, 0 rows affected (0.03 sec)
```

16) Create table Books again as per the schema description with the following constraints.

a. Book_No - Primary Key

b. Book_Name - Not Null

c. Category - System, Fiction, Database, RDBMS, Others.

ANS:

```
mysql> CREATE TABLE Books (  
->     Book_No INTEGER PRIMARY KEY,  
->     Book_Name VARCHAR(30) NOT NULL,  
->     Author_name VARCHAR(30),  
->     Cost DECIMAL(7,2),  
->     Category CHAR(10)  
->     CHECK (Category IN ('System', 'Fiction', 'Database', 'RDBMS',  
'Others'))  
-> );
```

Query OK, 0 rows affected (0.07 sec)

```
mysql> desc books;
```

Field	Type	Null	Key	Default	Extra
Book_No	int	NO	PRI	NULL	
Book_Name	varchar(30)	NO		NULL	
Author_name	varchar(30)	YES		NULL	
Cost	decimal(7,2)	YES		NULL	
Category	char(10)	YES		NULL	

5 rows in set (0.00 sec)

17) Insert data in Book table as follows:

ANS:

```
mysql> INSERT INTO Books (Book_No, Book_Name, Author_name, Cost, Category)  
-> VALUES (101, 'Let us C', 'Denis Ritchie', 450, 'System');
```

Query OK, 1 row affected (0.01 sec)

```
mysql>
```

```
mysql> INSERT INTO Books (Book_No, Book_Name, Author_name, Cost, Category)  
-> VALUES (102, 'Oracle - Complete Ref', 'Loni', 550, 'Database');
```

Query OK, 1 row affected (0.01 sec)

```
mysql>
```

```
mysql> INSERT INTO Books (Book_No, Book_Name, Author_name, Cost, Category)  
-> VALUES (103, 'Mastering SQL', 'Loni', 250, 'Database');
```

Query OK, 1 row affected (0.01 sec)

```
mysql>
```

```
mysql> INSERT INTO Books (Book_No, Book_Name, Author_name, Cost, Category)  
-> VALUES (104, 'PL SQL-Ref', 'Scott Urman', 750, 'Database');
```

Query OK, 1 row affected (0.01 sec)

```
mysql> table books;
```

Book_No	Book_Name	Author_name	Cost	Category
101	Let us C	Denis Ritchie	450.00	System
102	Oracle - Complete Ref	Loni	550.00	Database
103	Mastering SQL	Loni	250.00	Database
104	PL SQL-Ref	Scott Urman	750.00	Database

4 rows in set (0.00 sec)

18) Insert more records in Book table.

ANS:

```
mysql>
```

```
mysql> INSERT INTO Books (Book_No, Book_Name, Author_name, Cost, Category)  
-> VALUES (106, 'Operating System', 'Galvin', 700, 'System');
```

Query OK, 1 row affected (0.01 sec)

```
mysql>
```

```
mysql> INSERT INTO Books (Book_No, Book_Name, Author_name, Cost, Category)
```

```
-> VALUES (107, 'Learning RDBMS', 'Korth', 480, 'RDBMS');
Query OK, 1 row affected (0.00 sec)
```

```
mysql>
mysql> INSERT INTO Books (Book_No, Book_Name, Author_name, Cost, Category)
-> VALUES (108, 'Fiction Stories', 'R K Narayan', 300, 'Fiction');
Query OK, 1 row affected (0.00 sec)
```

```
mysql>
mysql> INSERT INTO Books (Book_No, Book_Name, Author_name, Cost, Category)
-> VALUES (109, 'SQL Basics', 'Ivan Bayross', 400, 'Others');
Query OK, 1 row affected (0.01 sec)
mysql> table books;
```

Book_No	Book_Name	Author_name	Cost	Category
101	Let us C	Denis Ritchie	450.00	System
102	Oracle - Complete Ref	Loni	550.00	Database
103	Mastering SQL	Loni	250.00	Database
104	PL SQL-Ref	Scott Urman	750.00	Database
105	Database System Concepts	Silberschatz	650.00	Database
106	Operating System	Galvin	700.00	System
107	Learning RDBMS	Korth	480.00	RDBMS
108	Fiction Stories	R K Narayan	300.00	Fiction
109	SQL Basics	Ivan Bayross	400.00	Others

9 rows in set (0.00 sec)

19) View the data in the tables using simple SQL query.

ANS:

```
mysql> SELECT * FROM Member;
```

Member_Id	Member_Name	Member_address	Acc_Open_Date	Membership_type
Fees_paid	Max_Books_Allowed	Penalty_Amount		
1	Richa Sharma	Pune	2005-12-10	Lifetime
25000	5	50.00		
2	Garima Sen	Pune	2026-01-09	Annual
1000	3	NULL		
3	Amit Kulkarni	Mumbai	2018-06-15	Annual
1200	3	0.00		
4	Neha Patil	Nagpur	2017-03-20	Half Yearly
600	2	25.00		
5	Rahul Mehta	Delhi	2019-11-05	Quarterly
300	1	NULL		
6	Sneha Joshi	Pune	2020-01-10	Lifetime
20000	6	0.00		
7	Karan Verma	Indore	2021-08-25	Annual
1000	3	10.00		

7 rows in set (0.00 sec)

```
mysql> SELECT * FROM Books;
```

Book_No	Book_Name	Author_name	Cost	Category
101	Let us C	Denis Ritchie	450.00	System
102	Oracle - Complete Ref	Loni	550.00	Database
103	Mastering SQL	Loni	250.00	Database
104	PL SQL-Ref	Scott Urman	750.00	Database
105	Database System Concepts	Silberschatz	650.00	Database

106	Operating System	Galvin	700.00	System
107	Learning RDBMS	Korth	480.00	RDBMS
108	Fiction Stories	R K Narayan	300.00	Fiction
109	SQL Basics	Ivan Bayross	400.00	Others

9 rows in set (0.00 sec)

20) Insert into Book following data.

105, National Geographic, Adis Scott, 1000, Science

ANS:

```
mysql> ALTER TABLE Books
```

```
-> DROP CHECK books_chk_1;
```

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql>
```

```
mysql> ALTER TABLE Books
```

```
-> ADD CONSTRAINT books_chk_1 CHECK (Category IN ('System', 'Fiction', 'Database', 'RDBMS', 'Others', 'Science'));
```

Query OK, 9 rows affected (0.13 sec)

Records: 9 Duplicates: 0 Warnings: 0

21) Rename the table Lib_Issue to Issue.

ANS:

```
mysql> ALTER TABLE Lib_Issue RENAME TO Issue;
```

Query OK, 0 rows affected (0.05 sec)

22) Drop table Issue.

ANS:

```
mysql> DROP TABLE Issue;
```

Query OK, 0 rows affected (0.04 sec)

23) As per the given structure Create table Issue again with following constraints.

♣ Lib_Issue_Id-Primary key

♣ Book_No- foreign key

♣ Member_id - foreign key

♣ Issue_date

♣ Return_date

ANS:

```
mysql> CREATE TABLE Issue (
```

```
-> Lib_Issue_Id INT PRIMARY KEY,
```

```
-> Book_No INT,
```

```
-> Member_id INT,
```

```
-> Issue_date DATE,
```

```
-> Return_date DATE,
```

```
-> CONSTRAINT fk_book FOREIGN KEY (Book_No) REFERENCES Books(Book_No),
```

```
-> CONSTRAINT fk_member FOREIGN KEY (Member_id) REFERENCES
```

```
Member(Member_Id)
```

```
-> );
```

Query OK, 0 rows affected (0.10 sec)

24)

ANS:

```
mysql> INSERT INTO Issue (Lib_Issue_Id, Book_No, Member_id, Issue_date)
```

```
-> VALUES (7001, 101, 1, '2006-12-10');
```

Query OK, 1 row affected (0.03 sec)

```
mysql>
```

```
mysql> INSERT INTO Issue (Lib_Issue_Id, Book_No, Member_id, Issue_date)
```

```
-> VALUES (7002, 102, 2, '2006-12-25');
```

Query OK, 1 row affected (0.01 sec)

```
mysql>
```

```
mysql> INSERT INTO Issue (Lib_Issue_Id, Book_No, Member_id, Issue_date)
-> VALUES (7003, 104, 1, '2006-01-15');
Query OK, 1 row affected (0.01 sec)
```

```
mysql>
mysql> INSERT INTO Issue (Lib_Issue_Id, Book_No, Member_id, Issue_date)
-> VALUES (7004, 101, 1, '2006-07-04');
Query OK, 1 row affected (0.01 sec)
```

```
mysql>
mysql> INSERT INTO Issue (Lib_Issue_Id, Book_No, Member_id, Issue_date)
-> VALUES (7005, 104, 2, '2006-11-15');
Query OK, 1 row affected (0.01 sec)
```

```
mysql>
mysql> INSERT INTO Issue (Lib_Issue_Id, Book_No, Member_id, Issue_date)
-> VALUES (7006, 101, 3, '2006-02-18');
Query OK, 1 row affected (0.01 sec)
mysql> table issue;
```

Lib_Issue_Id	Book_No	Member_id	Issue_date	Return_date
7001	101	1	2006-12-10	NULL
7002	102	2	2006-12-25	NULL
7003	104	1	2006-01-15	NULL
7004	101	1	2006-07-04	NULL
7005	104	2	2006-11-15	NULL
7006	101	3	2006-02-18	NULL

25) Remove the constraints on Issue table

ANS:

```
mysql> ALTER TABLE Issue DROP FOREIGN KEY fk_book;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> ALTER TABLE Issue DROP FOREIGN KEY fk_member;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

26) Insert a record in Issue table. The member_id should not exist in member table.

ANS:

```
mysql> INSERT INTO Issue (Lib_Issue_Id, Book_No, Member_id, Issue_date,
Return_date)
-> VALUES (7007, 102, 99, '2006-12-30', '2007-01-10');
Query OK, 1 row affected (0.01 sec)
mysql> table issue;
```

Lib_Issue_Id	Book_No	Member_id	Issue_date	Return_date
7001	101	1	2006-12-10	NULL
7002	102	2	2006-12-25	NULL
7003	104	1	2006-01-15	NULL
7004	101	1	2006-07-04	NULL
7005	104	2	2006-11-15	NULL
7006	101	3	2006-02-18	NULL
7007	102	99	2006-12-30	2007-01-10
7007	102	99	2006-12-30	2007-01-10

8 rows in set (0.00 sec)

27) Now enable the constraints of Issue table. Observe the error

ANS:

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails

28) Delete the record inserted at Q-27) and enable the constraints.

ANS:

```
mysql> DELETE FROM Issue
```

```
-> WHERE Lib_Issue_Id = 7007;
```

Query OK, 2 rows affected (0.01 sec)

```
mysql> ALTER TABLE Issue
```

```
-> ADD PRIMARY KEY (Lib_Issue_Id);
```

Query OK, 0 rows affected (0.10 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql> ALTER TABLE Issue
```

```
-> ADD CONSTRAINT fk_book FOREIGN KEY (Book_No) REFERENCES Books(Book_No);
```

Query OK, 6 rows affected (0.09 sec)

Records: 6 Duplicates: 0 Warnings: 0

```
mysql>
```

```
mysql> ALTER TABLE Issue
```

```
-> ADD CONSTRAINT fk_member FOREIGN KEY (Member_id) REFERENCES  
Member(Member_Id);
```

Query OK, 6 rows affected (0.08 sec)

Records: 6 Duplicates: 0 Warnings: 0

```
mysql> table issue;
```

Lib_Issue_Id	Book_No	Member_id	Issue_date	Return_date
7001	101	1	2006-12-10	NULL
7002	102	2	2006-12-25	NULL
7003	104	1	2006-01-15	NULL
7004	101	1	2006-07-04	NULL
7005	104	2	2006-11-15	NULL
7006	101	3	2006-02-18	NULL

6 rows in set (0.00 sec)

29) Try to delete the record of member id 1 from member table and observe the error .

ANS:

ERROR 1451 (23000): Cannot delete or update a parent row: a foreign key constraint fails (`your_database`.`Issue`, CONSTRAINT `fk_member` FOREIGN KEY (`Member_id`) REFERENCES `Member` (`Member_Id`))

30) View the data and structure of all the three tables Member, Issue, Book.

ANS:

```
mysql> DESCRIBE Member;
```

Field	Type	Null	Key	Default	Extra
Member_Id	int	NO	PRI	NULL	
Member_Name	varchar(20)	YES		NULL	
Member_address	varchar(50)	YES		NULL	
Acc_Open_Date	date	YES		NULL	
Membership_type	varchar(20)	YES		NULL	
Fees_paid	int	YES		NULL	
Max_Books_Allowed	int	YES		NULL	
Penalty_Amount	decimal(7,2)	YES		NULL	

8 rows in set (0.01 sec)

```
mysql> DESCRIBE Issue;
```

Field	Type	Null	Key	Default	Extra
Lib_Issue_Id	int	NO	PRI	NULL	

Book_No	int	YES	MUL	NULL		
Member_id	int	YES	MUL	NULL		
Issue_date	date	YES		NULL		
Return_date	date	YES		NULL		

5 rows in set (0.00 sec)

mysql> DESCRIBE Books;

Field	Type	Null	Key	Default	Extra	
Book_No	int	NO	PRI	NULL		
Book_Name	varchar(30)	NO		NULL		
Author_name	varchar(30)	YES		NULL		
Cost	decimal(7,2)	YES		NULL		
Category	char(10)	YES		NULL		

5 rows in set (0.00 sec)

31) Modify the Return_Date of 7004,7005 to 15 days after the Issue_date.

ANS:

mysql> UPDATE Issue

-> SET Return_date = DATE_ADD(Issue_date, INTERVAL 15 DAY)

-> WHERE Lib_Issue_Id IN (7004, 7005);

Query OK, 2 rows affected (0.01 sec)

Rows matched: 2 Changed: 2 Warnings: 0

mysql> table issue;

Lib_Issue_Id	Book_No	Member_id	Issue_date	Return_date	
7001	101	1	2006-12-10	NULL	
7002	102	2	2006-12-25	NULL	
7003	104	1	2006-01-15	NULL	
7004	101	1	2006-07-04	2006-07-19	
7005	104	2	2006-11-15	2006-11-30	
7006	101	3	2006-02-18	NULL	

6 rows in set (0.00 sec)

32) Remove all the records from Issue table where member_ID is 1 and Issue date in before 10-Dec-06.

ANS:

mysql> DELETE FROM Issue

-> WHERE Member_id = 1

-> AND Issue_date < '2006-12-10';

Query OK, 2 rows affected (0.01 sec)

33) Remove all the records from Book table with category other than RDBMS and Database.

ANS:

mysql> DELETE FROM Issue

-> WHERE Member_id = 1

-> AND Issue_date < '2006-12-10';

Query OK, 2 rows affected (0.01 sec)

34) Remove the table Member.

ANS:

mysql> DROP TABLE Member;

ERROR 3730 (HY000): Cannot drop table 'member' referenced by a foreign key constraint 'fk_member' on table 'issue'.

35) Remove the table Book.

ANS:

mysql> DROP TABLE Books;

ERROR 3730 (HY000): Cannot drop table 'books' referenced by a foreign key constraint 'fk_book' on table 'issue'.