mysql> create database Assignment1;

Query OK, 1 row affected (0.01 sec)

mysql> use Assignment1;

Database changed

mysql> create table Member(

Member\_Id int(5),

Member\_Name varchar(30),

Member\_address varchar(50),

Acc\_Open\_date date,

Membership\_type enum("Lifetime","Annual"),

Penalty\_Amount int(7));

Query OK, 0 rows affected (0.02 sec)

mysql> create table Book(

-> Book\_No int(6),

-> Book\_Name varchar(30),

-> Author\_name varchar(30),

-> cost int(7),

-> Category char(10)

-> );

Query OK, 0 rows affected (0.02 sec)

mysql> create table Issue(

-> Lib\_Issue\_Id int(10),

-> Book\_No int(6),

-> Member\_Id int(5),

-> Issue\_Date Date,

-> Return\_date Date

-> );

Query OK, 0 rows affected (0.02 sec)

mysql> show tables;

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

| Tables\_in\_assignment1 |

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

| book |

| issue |

| member |

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

3 rows in set (0.00 sec)

mysql> Select \* from Member;

Empty set (0.00 sec)

mysql> Select \* from book;

Empty set (0.00 sec)

mysql> Select \* from issue;

Empty set (0.00 sec)

mysql> desc member;

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

| Field | Type | Null | Key | Default | Extra |

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

| Member\_Id | int(5) | YES | | NULL | |

| Member\_Name | varchar(30) | YES | | NULL | |

| Member\_address | varchar(50) | YES | | NULL | |

| Acc\_Open\_date | date | YES | | NULL | |

| Membership\_type | enum('Lifetime','Annual') | YES | | NULL | |

| Penalty\_Amount | int(7) | YES | | NULL | |

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

6 rows in set (0.00 sec)

mysql> desc book;

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

| Field | Type | Null | Key | Default | Extra |

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

| Book\_No | int(6) | YES | | NULL | |

| Book\_Name | varchar(30) | YES | | NULL | |

| Author\_name | varchar(30) | YES | | NULL | |

| cost | int(7) | YES | | NULL | |

| Category | char(10) | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql> desc issue;

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

| Field | Type | Null | Key | Default | Extra |

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

| Lib\_Issue\_Id | int(10) | YES | | NULL | |

| Book\_No | int(6) | YES | | NULL | |

| Member\_Id | int(5) | YES | | NULL | |

| Issue\_Date | date | YES | | NULL | |

| Return\_date | date | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql> Alter table Member Drop column Penalty\_Amount ;

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select \* from Member;

Empty set (0.00 sec)

mysql> desc Member;

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

| Field | Type | Null | Key | Default | Extra |

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

| Member\_Id | int(5) | YES | | NULL | |

| Member\_Name | varchar(30) | YES | | NULL | |

| Member\_address | varchar(50) | YES | | NULL | |

| Acc\_Open\_date | date | YES | | NULL | |

| Membership\_type | enum('Lifetime','Annual') | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql> Insert into member values(1,'Richa sharma','Pune',"2005-12-10",'Lifetime');

Query OK, 1 row affected (0.01 sec)

mysql> Insert into member values(2,'Garima Sen','Pune',current\_date(),'Annual');

Query OK, 1 row affected (0.00 sec)

mysql> select \* from Member;

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

| Member\_Id | Member\_Name | Member\_address | Acc\_Open\_date | Membership\_type |

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

| 1 | Richa sharma | Pune | 2005-12-10 | Lifetime |

| 2 | Garima Sen | Pune | 2020-12-06 | Annual |

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

2 rows in set (0.00 sec)

mysql> Insert into member values(3,' Rakesh ','Pune',current\_date(),'Annual');

Query OK, 1 row affected (0.01 sec)

mysql> Insert into member values(4,'Mahesh ','Pune',current\_date(),'Annual');

Query OK, 1 row affected (0.01 sec)

mysql> Insert into member values(5,' Virat ','Pune',"2020-11-05",'Lifetime');

Query OK, 1 row affected (0.01 sec)

mysql> Insert into member values(6,'Rahul ','Mumbai',current\_date(),'Annual');

Query OK, 1 row affected (0.00 sec)

mysql> Insert into member values(7,'Ramesh ','Nashik',"2020-01-02",'Annual');

Query OK, 1 row affected (0.00 sec)

mysql> select \* from Member;

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

| Member\_Id | Member\_Name | Member\_address | Acc\_Open\_date | Membership\_type |

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

| 1 | Richa sharma | Pune | 2005-12-10 | Lifetime |

| 2 | Garima Sen | Pune | 2020-12-06 | Annual |

| 3 | Rakesh | Pune | 2020-12-06 | Annual |

| 4 | Mahesh | Pune | 2020-12-06 | Annual |

| 5 | Virat | Pune | 2020-11-05 | Lifetime |

| 6 | Rahul | Mumbai | 2020-12-06 | Annual |

| 7 | Ramesh | Nashik | 2020-01-02 | Annual |

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

7 rows in set (0.00 sec)

mysql> Insert into Book values(101,'Let us C','Denis Ritchie',450,'System');

Query OK, 1 row affected (0.00 sec)

mysql> Insert into Book values(102,'Oracle - Complete Ref','Loni',550,'Database');

Query OK, 1 row affected (0.00 sec)

mysql> Insert into Book values(103,'Mastering SQL','Loni',250,'Database');

Query OK, 1 row affected (0.01 sec)

mysql> Insert into Book values(104,'PL SQL-Ref','ScottUrman',750,'Database');

Query OK, 1 row affected (0.00 sec)

mysql> select \* from Book;

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

| Book\_No | Book\_Name | Author\_name | cost | Category |

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

| 101 | Let us C | Denis Ritchie | 450 | System |

| 102 | Oracle - Complete Ref | Loni | 550 | Database |

| 103 | Mastering SQL | Loni | 250 | Database |

| 104 | PL SQL-Ref | ScottUrman | 750 | Database |

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

4 rows in set (0.00 sec)

mysql> SET SQL\_SAFE\_UPDATES=0;

Query OK, 0 rows affected (0.00 sec)

mysql> Update Book set cost = 300 ,category = "RDBMS" where Book\_No =103;

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> Select \* from Book;

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

| Book\_No | Book\_Name | Author\_name | cost | Category |

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

| 101 | Let us C | Denis Ritchie | 450 | System |

| 102 | Oracle - Complete Ref | Loni | 550 | Database |

| 103 | Mastering SQL | Loni | 300 | RDBMS |

| 104 | PL SQL-Ref | ScottUrman | 750 | Database |

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

4 rows in set (0.00 sec)

mysql> Drop table Issue;

Query OK, 0 rows affected (0.01 sec)

mysql> show tables;

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

| Tables\_in\_assignment1 |

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

| book |

| member |

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

2 rows in set (0.00 sec)

mysql> create table Issue(

-> Lib\_Issue\_Id int(8),

-> Book\_No int(4),

-> Member\_ID int(3),

-> Issue\_Date Date,

-> Return\_Date Date

-> );

Query OK, 0 rows affected (0.02 sec)

mysql> select \* from Issue;

Empty set (0.00 sec)

mysql>

mysql> select DATE\_FORMAT(Issue\_date, "%d %b %y ") from Issue where Lib\_Issue\_Id >0;

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

| DATE\_FORMAT(Issue\_date, "%d %b %y ") |

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

| 10 Dec 06 |

| 25 Dec 06 |

| 15 Jan 06 |

| 04 Jul 06 |

| 15 Nov 06 |

| 18 Feb 06 |

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

6 rows in set (0.00 sec)