

Assignment-1

1)Member-It contains information about the members.

```
mysql> create database information;  
Query OK, 1 row affected (0.01 sec)
```

```
mysql> use information;  
Database changed  
mysql> select database();  
+-----+  
| database() |  
+-----+  
| information |  
+-----+  
1 row in set (0.00 sec)
```

```
mysql> create table members(  
-> Member_Id int(5),  
-> Member_Name varchar(30),  
-> Member_address varchar(50),  
-> Acc_Open_Date Date,  
-> Membership_type varchar(20),  
-> Penalty_Amount int(7)  
-> );  
Query OK, 0 rows affected (0.82 sec)
```

```
mysql> desc members;  
+-----+-----+-----+-----+-----+-----+  
| 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| varchar(20)   | YES  |     | NULL    |       |  
| Penalty_Amount | int(7)        | YES  |     | NULL    |       |  
+-----+-----+-----+-----+-----+-----+  
6 rows in set (0.00 sec)
```

2)Books-It contains information about the books books belongs to the library

```
mysql> create table Library(  
-> Book_No int(6),  
-> Book_Nmae varchar(30),  
-> Author_name varchar(30),  
-> Cost int(7),  
-> Category char(10)  
-> );  
Query OK, 0 rows affected (0.47 sec)
```

```
mysql> desc Library;  
+-----+-----+-----+-----+-----+-----+  
| Field          | Type          | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| Book_No        | int(6)        | YES  |     | NULL    |       |  
| Book_Nmae      | 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)
```

3)Issue-It contains the information about issue of the books

```
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 (0.51 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)
```

4)Task/Problems:

```
3)mysql> alter table members drop column Penalty_Amount;
```

Query OK, 0 rows affected (0.84 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql> desc members;
```

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	varchar(20)	YES		NULL	

```
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

4)

```
mysql> insert into
```

```
members(Member_Id,Member_Name,Member_address,Acc_Open_Date,Membership_type)values(1
,"Richa Sharma","Pune","10-12-05","Lifetime");
```

Query OK, 1 row affected (0.13 sec)

```
mysql> insert into
```

```
members(Member_Id,Member_Name,Member_address,Acc_Open_Date,Membership_type)values(2
,"Garima Sen","Pune","04-12-15","Annual");
```

Query OK, 1 row affected (0.13 sec)

```
mysql> select * from members;
```

Member_Id	Member_Name	Member_address	Acc_Open_Date	Membership_type
1	Richa Sharma	Pune	2010-12-05	Lifetime
2	Garima Sen	Pune	2004-12-15	Annual

```
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
5)
mysql> insert into
members(Member_Id,Member_Name,Member_address,Acc_Open_Date,Membership_type)values(3
,"Seema","mumbai","05-12-20","Annual");
Query OK, 1 row affected (0.12 sec)
```

```
mysql> insert into
members(Member_Id,Member_Name,Member_address,Acc_Open_Date,Membership_type)values(4
,"Dipti","Karad","06-12-20","Monthly");
Query OK, 1 row affected (0.22 sec)
```

```
mysql> insert into
members(Member_Id,Member_Name,Member_address,Acc_Open_Date,Membership_type)values(5
,"Pooja","Pune","07-12-20","halfYearly");
Query OK, 1 row affected (0.12 sec)
```

```
mysql> select * from members;
+-----+-----+-----+-----+-----+
| Member_Id | Member_Name | Member_address | Acc_Open_Date | Membership_type |
+-----+-----+-----+-----+-----+
|          1 | Richa Sharma | Pune          | 2010-12-05    | Lifetime        |
|          2 | Garima Sen   | Pune          | 2004-12-15    | Annual          |
|          3 | Seema        | mumbai        | 2005-12-20    | Annual          |
|          4 | Dipti        | Karad         | 2006-12-20    | Monthly         |
|          5 | Pooja        | Pune          | 2007-12-20    | halfYearly      |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
6)
mysql> insert into
Library(Book_No,Book_Nmae,Author_name,Cost,Category)values(101,"Let us c","Denis
Ritchie",450,"System");
Query OK, 1 row affected (0.11 sec)
```

```
mysql> insert into
Library(Book_No,Book_Nmae,Author_name,Cost,Category)values(102,"Oracle-Complete
Ref","Loni",550,"Database");
Query OK, 1 row affected (0.14 sec)
```

```
mysql> insert into
Library(Book_No,Book_Nmae,Author_name,Cost,Category)values(102,"Mastering","Loni",2
50,"Database");
Query OK, 1 row affected (0.12 sec)
```

```
mysql> insert into
Library(Book_No,Book_Nmae,Author_name,Cost,Category)values(103,"Mastering","Loni",2
50,"Database");
Query OK, 1 row affected (0.02 sec)
```

```
mysql> insert into
Library(Book_No,Book_Nmae,Author_name,Cost,Category)values(104,"PL SQL-
Ref","ScottUrman",750,"Database");
Query OK, 1 row affected (0.03 sec)
```

```
mysql> select * from Library;
+-----+-----+-----+-----+-----+
| Book_No | Book_Nmae | Author_name | Cost | Category |
+-----+-----+-----+-----+-----+
| 101     | Let us c  | Denis Ritchie | 450  | System   |
| 102     | Oracle-Complete Ref | Loni       | 550  | Database |
| 102     | Mastering | Loni       | 250  | Database |
| 103     | Mastering | Loni       | 250  | Database |
| 104     | PL SQL-Ref | ScottUrman | 750  | Database |
+-----+-----+-----+-----+-----+
```

Book_No	Book_Nmae	Author_name	Cost	Category
101	Let us c	Denis Ritchie	450	System
102	Oracle-Complete Ref	Loni	550	Database
102	Mastering	Loni	250	Database
103	Mastering	Loni	250	Database
104	PL SQL-Ref	ScottUrman	750	Database

5 rows in set (0.00 sec)

8)

```
mysql> update Library set Cost=300 where Cost=250;
```

Query OK, 2 rows affected (0.13 sec)

Rows matched: 2 Changed: 2 Warnings: 0

```
mysql> select * from Library;
```

Book_No	Book_Nmae	Author_name	Cost	Category
101	Let us c	Denis Ritchie	450	System
102	Oracle-Complete Ref	Loni	550	Database
102	Mastering	Loni	300	Database
103	Mastering	Loni	300	Database
104	PL SQL-Ref	ScottUrman	750	Database

5 rows in set (0.11 sec)

10)

```
insert into issue1 values(7001,101,1,"2006-12-10",null);
```

```
insert into issue1 values(7002,102,2,"2006-12-25",null);
```

```
insert into issue1 values(7003,103,1,"2006-01-15",null);
```

```
insert into issue1 values(7004,104,1,"2006-07-04",null);
```

```
insert into issue1 values(7005,105,2,"2006-11-15",null);
```

```
insert into issue1 values(7006,106,3,"2006-02-18",null);
```