**LAB EXERCISES**

**EX.NO:06**

**USING VIEWS**

**AIM:**

**To create a table 'Library' with proper fields and to create another table 'Library1' and insert rows from library using views.**

**PROCEDURE:**

1. **Using the database 'College':**

* **mysql> USE College;**
* **Database changed**

1. **Create the table Library:**

* **CREATE TABLE** **Library(`Book-No` int(4) primary key, `Book Name` varchar(80),Author varchar(50), Publisher varchar(40), Edition varchar(20),Published\_on date, Price decimal(7,2));**
* **Query OK, 0 rows affected, (0.18 sec)**
* **mysql> DESCRIBE Library;**
* **7 rows in set (0.00 sec)**

1. **Inserting rows into the table Library:**

* **mysql> insert into library values(1000, Programming in C., Edwin Dayanand and Selva Kumar', 'NV Publications', 'Fourth Edition', '2016-06-02,140.50);**
* **Query OK, 1 row affected (0.04 sec)**
* **mysql> insert into library values (1001, Operating Systems', 'Edwin Dayanand", NV Publications', 'Second Edition', 2010-06-12,100.00);**
* **Query OK, 1 row affected (0.07 sec)**
* **mysql> insert into library values (1002, OOPs with Java', 'Selva Kumar', 'NV Publications', 'Second Edition','2014-12-12,200.00);**
* **Query OK, 1 row affected (0.03 sec)**
* **mysql> insert into library values(1003,Data Structures using C/Edwin Dayanand and Selva Kumar', 'NV Publications', 'Third Edition', '2013-06-12,147.50);**
* **Query OK, 1 row affected (0.04 sec)**
* **mysql> insert into library values (1004, 'RDBMS', 'Edwin Dayanand and Selva Kumar', 'NV Publications', 'First Edition', '2000-06-12',100.50);**
* **Query OK, 1 row affected (0.05 sec)**

1. **Querying the table Library:**

* **mysql> SELECT FROM Library;**
* **5 rows in set (0.00 sec)**

1. **Creating another table 'Library 1 (view) and inserting rows from library i.e. using view:**

* **mysql> create view library1 as select from library where price>140.00; Query OK, 0 rows affected (0.02 sec)**

1. **Querying Library1:**

* **mysql> select from Library1;**
* **3 rows in set (0.00 sec)**

**RESULT:**

**Thus the above MYSQL commands are executed and the output is obtained.**