***Assignment:8***

[root@localhost ~]# systemctl start mysqld

[root@localhost ~]# mysql

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 4

Server version: 5.5.33a-MariaDB MariaDB Server

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use college

Reading table information for completion of table and column names

You can turn off this feature to get a quicker startup with -A

Database changed

MariaDB [college]> select \* from library;

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

| bookid | bookname | Date\_Of\_issue |

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

| 100 | toc | 2018-02-22 |

| 101 | maths | 2018-03-15 |

| 102 | sen | 2018-04-13 |

| 103 | isee | 2018-05-15 |

| 104 | dbms | 2018-06-14 |

| 105 | ads | 2018-06-20 |

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

6 rows in set (0.00 sec)

MariaDB [college]> show tables;

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

| Tables\_in\_college |

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

| library |

| library\_audit |

| newrollcall |

| oldrollcall |

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

4 rows in set (0.00 sec)

MariaDB [college]> desc library\_audit;

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

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

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

| bookid | int(10) | YES | | NULL | |

| bookname | varchar(20) | YES | | NULL | |

| Date\_of\_issue | date | YES | | NULL | |

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

3 rows in set (0.02 sec)

MariaDB [college]> create trigger trig after update on library for each row insert into library\_audit values(Old.bookid,Old.bookname,Old.Date\_of\_issue);

Query OK, 0 rows affected (0.06 sec)

MariaDB [college]> update library set bookname='theory of computation' where bookid=100;

Query OK, 1 row affected, 1 warning (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 1

MariaDB [college]> select \* from library;

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

| bookid | bookname | Date\_Of\_issue |

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

| 100 | theory of computatio | 2018-02-22 |

| 101 | maths | 2018-03-15 |

| 102 | sen | 2018-04-13 |

| 103 | isee | 2018-05-15 |

| 104 | dbms | 2018-06-14 |

| 105 | ads | 2018-06-20 |

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

6 rows in set (0.00 sec)

MariaDB [college]> select \* from library\_audit;

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

| bookid | bookname | Date\_of\_issue |

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

| 100 | toc | 2018-02-22 |

| 100 | toc | 2018-02-22 |

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

2 rows in set (0.00 sec)

MariaDB [college]> create trigger del after delete on library for each row insert into library\_audit values(Old.bookid,Old.bookname,Old.Date\_of\_issue);

Query OK, 0 rows affected (0.06 sec)

MariaDB [college]> delete \* from library where bookid=105;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '\* from library where bookid=105' at line 1

MariaDB [college]> delete from library where bookid=105;

Query OK, 1 row affected (0.03 sec)

MariaDB [college]> select \* from library;

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

| bookid | bookname | Date\_Of\_issue |

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

| 100 | theory of computatio | 2018-02-22 |

| 101 | maths | 2018-03-15 |

| 102 | sen | 2018-04-13 |

| 103 | isee | 2018-05-15 |

| 104 | dbms | 2018-06-14 |

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

5 rows in set (0.00 sec)

MariaDB [college]> select \* from libaray\_audit;

ERROR 1146 (42S02): Table 'college.libaray\_audit' doesn't exist

MariaDB [college]> select \* from library\_audit;

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

| bookid | bookname | Date\_of\_issue |

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

| 100 | toc | 2018-02-22 |

| 100 | toc | 2018-02-22 |

| 105 | ads | 2018-06-20 |

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

3 rows in set (0.00 sec)