

Name:-Nisha      Assignment:-7      Roll No:-3334  
Database Management System Laboratory

MariaDB [(none)]> create database Nisha;  
Query OK, 1 row affected (0.000 sec)

MariaDB [(none)]> use Nisha;  
Database changed

MariaDB [Nisha]> create table lib\_audit(bookid int,bookname varchar(20),price int)\$  
Query OK, 0 rows affected (0.183 sec)

MariaDB [Nisha]> create table lib\_audit2(bookid int,bookname varchar(20),price int)\$  
Query OK, 0 rows affected (0.175 sec)

MariaDB [Nisha]> Create trigger before\_delete\_lib\_audit before delete on lib\_audit for each row

```
-> begin  
-> insert into lib_audit2 values(old.bookid,old.bookname,old.price);  
-> end$
```

Query OK, 0 rows affected (0.097 sec)

MariaDB [Nisha]> insert into lib\_audit values(1,'DBMS',100),(2,'HCI',10),(3,'CNS',101)\$  
Query OK, 3 rows affected (0.046 sec)  
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [Nisha]> select \* from lib\_audit\$

bookid	bookname	price
1	DBMS	100
2	HCI	10
3	CNS	101

3 rows in set (0.000 sec)

MariaDB [Nisha]> select \* from lib\_audit2\$  
Empty set (0.001 sec)

MariaDB [Nisha]> delete from lib\_audit where bookid=1\$  
Query OK, 1 row affected (0.056 sec)

MariaDB [Nisha]> select \* from lib\_audit\$

bookid	bookname	price
2	HCI	10
3	CNS	101

2 rows in set (0.000 sec)

MariaDB [Nisha]> select \* from lib\_audit2\$

bookid	bookname	price
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bookid	bookname	price
1	DBMS	100

1 row in set (0.000 sec)

MariaDB [Nisha]> delete from lib\_audit where bookid=3\$  
Query OK, 1 row affected (0.043 sec)

MariaDB [Nisha]> select \* from lib\_audit2\$

bookid	bookname	price
1	DBMS	100
3	CNS	101

2 rows in set (0.000 sec)

MariaDB [Nisha]> Create trigger before\_update\_lib\_audit before update on lib\_audit for each row

```
-> begin
-> insert into lib_audit2 values(old.bookid,old.bookname,old.price);
-> end$
```

Query OK, 0 rows affected (0.102 sec)

MariaDB [Nisha]> update lib\_audit set bookname='SPOS' where bookid=2\$

Query OK, 1 row affected (0.047 sec)  
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [Nisha]> select \* from lib\_audit\$

bookid	bookname	price
2	SPOS	10

1 row in set (0.001 sec)

MariaDB [Nisha]> select \* from lib\_audit2\$

bookid	bookname	price
1	DBMS	100
3	CNS	101
2	HCI	10

3 rows in set (0.001 sec)