Enter password: \*\*\*

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

Your MySQL connection id is 2

Server version: 5.0.45-community-nt MySQL Community Edition (GPL)

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> create database a7;

Query OK, 1 row affected (0.03 sec)

mysql> use a7;

Database changed

mysql> create table library (accession int, title varchar(50), author

-> varchar(30), publisher varchar(50));

Query OK, 0 rows affected (0.51 sec)

mysql> create table library\_audit (accession int, title varchar(50), author

-> varchar(30), publisher varchar(50), operation varchar(10));

Query OK, 0 rows affected (0.11 sec)

mysql> insert into library (accession, title, author, publisher) values (101,'OPERATING SYSTEM', 'KORTH', 'MCG');

Query OK, 1 row affected (0.06 sec)

mysql> insert into library (accession, title, author, publisher) values (102,'PROGRAMMING IN C', 'BALAGURUSWAMY', 'BPB');

Query OK, 1 row affected (0.03 sec)

mysql> insert into library (accession, title, author, publisher) values (103,'HOW TO LEARN C', 'KANETKAR', 'TECHMAX');

Query OK, 1 row affected (0.01 sec)

mysql> SELECT \* FROM LIBRARY;

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

| accession | title | author | publisher |

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

| 101 | OPERATING SYSTEM | KORTH | MCG |

| 102 | PROGRAMMING IN C | BALAGURUSWAMY | BPB |

| 103 | HOW TO LEARN C | KANETKAR | TECHMAX |

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

3 rows in set (0.01 sec)

mysql> SELECT \* FROM LIBRARY\_AUDIT;

Empty set (0.00 sec)

mysql> create trigger update\_lib after update on library for each row

-> insert into library\_audit (accession, title, author, publisher, operation)

-> values (old.accession, old.title, old.author, old.publisher, 'UPDATE');

Query OK, 0 rows affected (0.06 sec)

mysql> UPDATE LIBRARY SET PUBLISHER='MC GRAW HILL' WHERE

-> ACCESSION=101;

Query OK, 1 row affected (0.39 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> SELECT \* FROM LIBRARY;

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

| accession | title | author | publisher |

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

| 101 | OPERATING SYSTEM | KORTH | MC GRAW HILL |

| 102 | PROGRAMMING IN C | BALAGURUSWAMY | BPB |

| 103 | HOW TO LEARN C | KANETKAR | TECHMAX |

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

3 rows in set (0.00 sec)

mysql> SELECT \* FROM LIBRARY\_AUDIT;

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

| accession | title | author | publisher | operation |

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

| 101 | OPERATING SYSTEM | KORTH | MCG | UPDATE |

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

1 row in set (0.00 sec)

mysql> create trigger delete\_lib after delete on library for each row insert into library\_audit (accession, title, author, publisher, operation) values(old.accession, old.title, old.author

, old.publisher, 'DELETE');

Query OK, 0 rows affected (0.00 sec)

mysql> DELETE FROM LIBRARY WHERE ACCESSION = 103;

Query OK, 1 row affected (0.03 sec)

mysql> SELECT \* FROM LIBRARY;

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

| accession | title | author | publisher |

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

| 101 | OPERATING SYSTEM | KORTH | MC GRAW HILL |

| 102 | PROGRAMMING IN C | BALAGURUSWAMY | BPB |

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

2 rows in set (0.00 sec)

mysql> SELECT \* FROM LIBRARY\_AUDIT;

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

| accession | title | author | publisher | operation |

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

| 101 | OPERATING SYSTEM | KORTH | MCG | UPDATE |

| 103 | HOW TO LEARN C | KANETKAR | TECHMAX | DELETE |

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

2 rows in set (0.00 sec)

Mysql>create trigger insert\_lib after insert on library for each row insert into library\_audit (accession, title, author, publisher, operation) values(new.accession, new.title, new.author, new.publisher, 'INSERT');

Query OK, 0 rows affected (0.03 sec)

mysql> insert into library values(104,'DATABASES','PATEL','TECHBOOKS');

Query OK, 1 row affected (0.05 sec)

mysql> SELECT \* FROM LIBRARY;

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

| accession | title | author | publisher |

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

| 101 | OPERATING SYSTEM | KORTH | MC GRAW HILL |reate trigger insert\_lib after insert on library for each row insert into library\_audit (accession, title, author, publisher, operation) values(new.accession, new.title, new.author, new.publisher, 'INSERT');

Query OK, 0 rows affected (0.03 sec)

mysql> insert into library values(104,'DATABASES','PATEL','TECHBOOKS');

Query OK, 1 row affected (0.05 sec)

| 102 | PROGRAMMING IN C | BALAGURUSWAMY | BPB |

| 104 | DATABASES | PATEL | TECHBOOKS |

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

3 rows in set (0.00 sec)

mysql> SELECT \* FROM LIBRARY\_AUDIT;

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

| accession | title | author | publisher | operation |

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

| 101 | OPERATING SYSTEM | KORTH | MCG | UPDATE |

| 103 | HOW TO LEARN C | KANETKAR | TECHMAX | DELETE |

| 104 | DATABASES | PATEL | TECHBOOKS | INSERT |

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

3 rows in set (0.00 sec)

mysql>