Assignment no. 8

Enter password: \*\*\*\*\*\*

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

Your MySQL connection id is 9

Server version: 8.0.38 MySQL Community Server - GPL

Copyright (c) 2000, 2024, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its

affiliates. Other names may be trademarks of their respective

owners.

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

mysql> CREATE DATABASE Library;

Query OK, 1 row affected (0.02 sec)

mysql> USE Library;

Database changed

mysql> CREATE TABLE lib\_book(bid INT, bname VARCHAR(20),qty INT);

Query OK, 0 rows affected (0.02 sec)

mysql> INSERT INTO lib\_book VALUES(1, "Secret", 10), (2,"Hating game",30),(3,"The Alchemist" ,50) ,(4,"love hypothesis",45);

Query OK, 4 rows affected (0.01 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> select \* from lib\_book;

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

| bid | bname | qty |

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

| 1 | Secret | 10 |

| 2 | Hating game | 30 |

| 3 | The Alchemist | 50 |

| 4 | love hypothesis | 45 |

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

4 rows in set (0.01 sec)

mysql> SELECT \* FROM lib\_audit;

Empty set (0.00 sec)

mysql> drop trigger if exists Make\_audit1;

Query OK, 0 rows affected, 1 warning (0.01 sec)

mysql> delimiter //

mysql> CREATE TRIGGER Make\_audit1

-> AFTER DELETE ON lib\_book

-> FOR EACH ROW

-> BEGIN

-> INSERT INTO lib\_Audit (bid, bname, qty) VALUES (OLD.bid, OLD.bname,OLD.qty);

-> END;

-> //

Query OK, 0 rows affected (0.02 sec)

mysql> delimiter ;

mysql> drop trigger if exists Make\_audit2;

Query OK, 0 rows affected, 1 warning (0.01 sec)

mysql> delimiter //

mysql> CREATE TRIGGER Make\_audit2 AFTER UPDATE ON lib\_book FOR EACH ROW

-> BEGIN

-> INSERT INTO lib\_Audit (bid, bname, qty) VALUES (OLD.bid, OLD.bname,OLD.qty);

-> END;

-> //

Query OK, 0 rows affected (0.01 sec)

mysql> delimiter ;

mysql> update lib\_book set qty=100 where bname="Secret";

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> SELECT \* FROM lib\_book;

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

| bid | bname | qty |

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

| 1 | Secret | 100 |

| 2 | Hating game | 30 |

| 3 | The Alchemist | 50 |

| 4 | love hypothesis | 45 |

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

4 rows in set (0.00 sec)

mysql> SELECT \* FROM lib\_audit;

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

| bid | bname | qty |

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

| 1 | Secret | 10 |

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

1 row in set (0.00 sec)