***Assignment:8***

[admin@localhost ~]$ su

Password:

[root@localhost admin]# systemctl start mysqld

^[[A^[[A[root@localhost admin]# mysql

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

Your MariaDB connection id is 2

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 test;

Database changed

MariaDB [test]> show tables;

Empty set (0.00 sec)

use mocktest;

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 [mocktest]> show tables;

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

| Tables\_in\_mocktest |

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

| item |

| sales |

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

2 rows in set (0.00 sec)

MariaDB [mocktest]> select \* from item;

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

| ItemId | Name | Quantity | Price |

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

| 1 | Train | 60 | 10 |

| 2 | Plane | 60 | 20 |

| 3 | Dog | 40 | 20 |

| 4 | Cat | 50 | 30 |

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

4 rows in set (0.00 sec)

MariaDB [mocktest]> create table sales(ItemId int , SalesId int , QuantSold int, Price int ,TotPrice int);Query OK, 0 rows affected (0.06 sec)

create trigger salescal

-> before insert

-> on sales

-> for each row

-> begin

-> set new.TotPrice = new.QuantSold\*new.Price;

-> update item

-> set Quantity = Quantity - new.QuantSold

-> where ItemId = new.ItemId;

-> end;

-> //

Query OK, 0 rows affected (0.07 sec)

insert into sales(ItemId,SalesId,QuantSold,Price) values(1,101,10,10);select \* from sales;//

Query OK, 1 row affected (0.04 sec)

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

| ItemId | SalesId | QuantSold | Price | TotPrice |

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

| 1 | 101 | 10 | 10 | 100 |

| 1 | 101 | 10 | 10 | 100 |

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

2 rows in set (0.04 sec)

MariaDB [mocktest]> select \* from item;//

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

| ItemId | Name | Quantity | Price |

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

| 1 | Train | 50 | 10 |

| 2 | Plane | 55 | 20 |

| 3 | Dog | 40 | 20 |

| 4 | Cat | 50 | 30 |

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

4 rows in set (0.01 sec)

select \* from sales;//

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

| ItemId | SalesId | QuantSold | Price | TotPrice |

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

| 1 | 101 | 10 | 10 | 100 |

| 1 | 101 | 10 | 10 | 100 |

| 2 | 101 | 5 | 20 | 100 |

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

3 rows in set (0.00 sec)

MariaDB [mocktest]> insert into sales(ItemId,SalesId,QuantSold,Price) values(3,104,7,20);select \* from sales;//

Query OK, 1 row affected (0.03 sec)

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

| ItemId | SalesId | QuantSold | Price | TotPrice |

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

| 1 | 101 | 10 | 10 | 100 |

| 1 | 101 | 10 | 10 | 100 |

| 2 | 101 | 5 | 20 | 100 |

| 3 | 104 | 7 | 20 | 140 |

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

4 rows in set (0.03 sec)

MariaDB [mocktest]> select \* from item;//

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

| ItemId | Name | Quantity | Price |

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

| 1 | Train | 50 | 10 |

| 2 | Plane | 55 | 20 |

| 3 | Dog | 33 | 20 |

| 4 | Cat | 50 | 30 |

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

4 rows in set (0.00 sec)