



12/7/2022

ASSIGNMENT – 1 DBMS LAB

Database Management System



Submitted by

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Assignment 1: DBMS Lab

1. Create the table described below:

- a. CREATE TABLE client_master (client_no varchar (11) PRIMARY KEY, name VARCHAR (120), address TEXT, city VARCHAR (100), bal_due INT);
- b. CREATE TABLE product_master (product_no varchar (11) PRIMARY KEY, description TEXT, qty INT, sell_price INT, cost_price INT);
- c. CREATE TABLE salesman_master (salesman_no varchar (11) PRIMARY KEY, salesman_name varchar (120), address TEXT, city varchar (100), salary INT);

2. Exercise on retrieving records from a table:

- a. Select name from client_master;
- b. Select * from client_master;
- c. Select name, city from client_master;
- d. Select * from product_master;
- e. Select * from client_master where city='Dhaka';
- f. Select salesman_name from salesman_master where salary >= 10000;

3. Exercise on updating records in a table:

- a. UPDATE client_master SET city = 'Sylhet' WHERE client_no = 'c001';
- b. UPDATE client_master SET bal_due = 5000 WHERE client_no = 'c005';
- c. update product_master set cost_price = 35 where product_no = 'CD';
- d. UPDATE salesman_master SET city = 'Dhaka';

4. Exercise on deleting records in a table:

- a. delete from salesman_master where salary <= 5000;
- b. delete from product_master where qty = 100;
- c. delete from client_master where city = 'Barisal';

5. Exercise on Altering the table structure

- a. ALTER TABLE client_master ADD phone VARCHAR (11);
- b. ALTER TABLE client_master DROP phone;
- c. ALTER TABLE client_master CHANGE phone mobile VARCHAR (11);

6. Exercise on deleting the table structure along with the data:

- a. DROP TABLE client_master;
- b. DROP TABLE salesman_master;

Copied Code

Setting environment for using XAMPP for Windows.
comm@SAIMON-PC d:\xampp
mysql -u root
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 2
Server version: 10.1.29-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2017, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> create database assignment1;
Query OK, 1 row affected (0.29 sec)

MariaDB [(none)]> use assignment1;
Database changed
MariaDB [assignment1]> CREATE TABLE client_master (client_no varchar (11) PRIMARY KEY, name
VARCHAR
-> (120), address TEXT, city VARCHAR (100), bal_due INT);
Query OK, 0 rows affected (0.42 sec)

MariaDB [assignment1]> CREATE TABLE product_master (product_no varchar (11) PRIMARY KEY,
description
-> TEXT, qty INT, sell_price INT, cost_price INT);
Query OK, 0 rows affected (0.16 sec)

MariaDB [assignment1]> CREATE TABLE salesman_master (salesman_no varchar (11) PRIMARY KEY,
-> salesman_name varchar (120), address TEXT, city varchar (100), salary INT);
Query OK, 0 rows affected (0.13 sec)

MariaDB [assignment1]> INSERT INTO `client_master` (`client_no`, `name`, `address`, `city`,
`bal_due`) VALUES ('c001', 'Amit', 'Savar', 'Dhaka', '100000'), ('c002', 'Sakib', 'Chwakhazar', 'Chittagong',
'50000'), ('c003', 'Rahim', 'Lohagara', 'Chittagong', '10000'), ('c005', 'Hasan',
'Bikrompur', 'Dhaka', '20000'), ('c005', 'Lisa', 'Borguna', 'Barisal', '5000');
ERROR 1062 (23000): Duplicate entry 'c005' for key 'PRIMARY'
MariaDB [assignment1]> INSERT INTO `client_master` (`client_no`, `name`, `address`, `city`,
`bal_due`) VALUES ('c001', 'Amit', 'Savar', 'Dhaka', '100000'), ('c002', 'Sakib', 'Chwakhazar', 'Chittagong',
'50000'), ('c003', 'Rahim', 'Lohagara', 'Chittagong', '10000'), ('c004', 'Hasan',
'Bikrompur', 'Dhaka', '20000'), ('c005', 'Lisa', 'Borguna', 'Barisal', '5000');
Query OK, 5 rows affected (0.34 sec)
Records: 5 Duplicates: 0 Warnings: 0

MariaDB [assignment1]> INSERT INTO `product_master` (`product_no`, `description`, `qty`,
`sell_price`, `cost_price`) VALUES ('CA', 'ABCD', '10', '1000', '200'), ('CB', 'EFGH', '20', '5000', '150'),
('CC', 'KJFGJHH', '150', '40000', '2000'), ('CD', 'KLJFHIFKJDL', '5', '15000', '500')
-> ;
Query OK, 4 rows affected (0.08 sec)
Records: 4 Duplicates: 0 Warnings: 0

MariaDB [assignment1]> INSERT INTO `salesman_master` (`salesman_no`, `salesman_name`,
`address`, `city`, `salary`) VALUES ('1', 'Amit', 'Savar', 'Dhaka', '2000'), ('2', 'Hasan', 'Bikrompur',
'Dhaka', '500'), ('3', 'Rahim', 'Oxygen', 'Chittagong', '20000'), ('4', 'Mona', 'Borguna', 'Barisal', '50000');
Query OK, 4 rows affected (0.08 sec)
Records: 4 Duplicates: 0 Warnings: 0

Copied Code (cont.)

MariaDB [assignment1]> Select name from client_master;

```
+-----+
| name |
+-----+
| Amit |
| Sakib |
| Rahim |
| Hasan |
| Lisa |
+-----+
```

5 rows in set (0.00 sec)

MariaDB [assignment1]> Select * from client_master;

```
+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due |
+-----+-----+-----+-----+-----+
| c001 | Amit | Savar | Dhaka | 100000 |
| c002 | Sakib | Chwakhbazar | Chittagong | 50000 |
| c003 | Rahim | Lohagara | Chittagong | 10000 |
| c004 | Hasan | Bikrompur | Dhaka | 20000 |
| c005 | Lisa | Borguna | Barisal | 5000 |
+-----+-----+-----+-----+-----+
```

5 rows in set (0.00 sec)

MariaDB [assignment1]> Select name, city from client_master;

```
+-----+-----+
| name | city |
+-----+-----+
| Amit | Dhaka |
| Sakib | Chittagong |
| Rahim | Chittagong |
| Hasan | Dhaka |
| Lisa | Barisal |
+-----+-----+
```

5 rows in set (0.00 sec)

MariaDB [assignment1]> Select * from product_master;

```
+-----+-----+-----+-----+-----+
| product_no | description | qty | sell_price | cost_price |
+-----+-----+-----+-----+-----+
| CA | ABCD | 10 | 1000 | 200 |
| CB | EFGH | 20 | 5000 | 150 |
| CC | KJFGJHH | 150 | 40000 | 2000 |
| CD | KLJFHIFKJDL | 5 | 15000 | 500 |
+-----+-----+-----+-----+-----+
```

4 rows in set (0.00 sec)

MariaDB [assignment1]> Select * from client_master where city='Dhaka';

```
+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due |
+-----+-----+-----+-----+-----+
| c001 | Amit | Savar | Dhaka | 100000 |
| c004 | Hasan | Bikrompur | Dhaka | 20000 |
+-----+-----+-----+-----+-----+
```

2 rows in set (0.00 sec)

Copied Code (cont.)

MariaDB [assignment1]> Select salesman_name from salesman_master where salary >= 10000;

```
+-----+
| salesman_name |
+-----+
| Rahim        |
| Mona         |
+-----+
```

2 rows in set (0.00 sec)

MariaDB [assignment1]> UPDATE client_master SET city = 'Sylhet' WHERE client_no = 'c001';

Query OK, 1 row affected (0.34 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [assignment1]> select * from client_master;

```
+-----+-----+-----+-----+-----+
| client_no | name  | address | city   | bal_due |
+-----+-----+-----+-----+-----+
| c001      | Amit  | Savar   | Sylhet | 100000  |
| c002      | Sakib | Chwakhazar | Chittagong | 50000  |
| c003      | Rahim | Lohagara | Chittagong | 10000  |
| c004      | Hasan | Bikrompur | Dhaka   | 20000  |
| c005      | Lisa  | Borguna  | Barisal | 5000    |
+-----+-----+-----+-----+-----+
```

5 rows in set (0.00 sec)

MariaDB [assignment1]> UPDATE client_master SET bal_due = 5000 WHERE client_no = 'c005';

Query OK, 0 rows affected (0.33 sec)

Rows matched: 1 Changed: 0 Warnings: 0

MariaDB [assignment1]> select * from client_master;

```
+-----+-----+-----+-----+-----+
| client_no | name  | address | city   | bal_due |
+-----+-----+-----+-----+-----+
| c001      | Amit  | Savar   | Sylhet | 100000  |
| c002      | Sakib | Chwakhazar | Chittagong | 50000  |
| c003      | Rahim | Lohagara | Chittagong | 10000  |
| c004      | Hasan | Bikrompur | Dhaka   | 20000  |
| c005      | Lisa  | Borguna  | Barisal | 5000    |
+-----+-----+-----+-----+-----+
```

5 rows in set (0.00 sec)

MariaDB [assignment1]> update product_master set cost_price = 35 where product_no = 'CD';

Query OK, 1 row affected (0.34 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [assignment1]> select * from product_master;

```
+-----+-----+-----+-----+-----+
| product_no | description | qty | sell_price | cost_price |
+-----+-----+-----+-----+-----+
| CA         | ABCD        | 10  | 1000       | 200        |
| CB         | EFGH        | 20  | 5000       | 150        |
| CC         | KJFGJHH     | 150 | 40000      | 2000       |
| CD         | KLJFHIFKJDL | 5   | 15000      | 35         |
+-----+-----+-----+-----+-----+
```

4 rows in set (0.00 sec)

Copied Code (cont.)

```
MariaDB [assignment1]> UPDATE salesman_master SET city = 'Dhaka';
Query OK, 2 rows affected (0.34 sec)
Rows matched: 4  Changed: 2  Warnings: 0
```

```
MariaDB [assignment1]> select * from salesman_master;
+-----+-----+-----+-----+-----+
| salesman_no | salesman_name | address | city | salary |
+-----+-----+-----+-----+-----+
| 1          | Amit          | Savar   | Dhaka | 2000    |
| 2          | Hasan         | Bikrompur | Dhaka | 500     |
| 3          | Rahim         | Oxygen  | Dhaka | 20000   |
| 4          | Mona         | Borguna | Dhaka | 50000   |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
MariaDB [assignment1]> delete from salesman_master where salary <= 5000;
Query OK, 2 rows affected (0.34 sec)
```

```
MariaDB [assignment1]> select * from salesman_master;
+-----+-----+-----+-----+-----+
| salesman_no | salesman_name | address | city | salary |
+-----+-----+-----+-----+-----+
| 3          | Rahim         | Oxygen  | Dhaka | 20000   |
| 4          | Mona         | Borguna | Dhaka | 50000   |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
MariaDB [assignment1]> delete from product_master where qty = 100;
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [assignment1]> select * from product_master;
+-----+-----+-----+-----+-----+
| product_no | description | qty | sell_price | cost_price |
+-----+-----+-----+-----+-----+
| CA         | ABCD        | 10  | 1000       | 200        |
| CB         | EFGH        | 20  | 5000       | 150        |
| CC         | KJFGJHH     | 150 | 40000      | 2000       |
| CD         | KLJFHIFKJKDL | 5   | 15000      | 35         |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
MariaDB [assignment1]> update product_master set cost_price=100 where product_no='CB';
Query OK, 1 row affected (0.33 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
MariaDB [assignment1]> select * from product_master;
+-----+-----+-----+-----+-----+
| product_no | description | qty | sell_price | cost_price |
+-----+-----+-----+-----+-----+
| CA         | ABCD        | 10  | 1000       | 200        |
| CB         | EFGH        | 20  | 5000       | 100        |
| CC         | KJFGJHH     | 150 | 40000      | 2000       |
| CD         | KLJFHIFKJKDL | 5   | 15000      | 35         |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

Copied Code (cont.)

MariaDB [assignment1]> delete from product_master where qty = 100;
Query OK, 0 rows affected (0.00 sec)

MariaDB [assignment1]> select * from product_master;
+-----+-----+-----+-----+-----+
| product_no | description | qty | sell_price | cost_price |
+-----+-----+-----+-----+-----+
CA	ABCD	10	1000	200
CB	EFGH	20	5000	100
CC	KJFGJHH	150	40000	2000
CD	KLJFHIFKJKDL	5	15000	35
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

MariaDB [assignment1]> update product_master set qty=100 where product_no='CB';o='CB';
Query OK, 1 row affected (0.35 sec)
Rows matched: 1 Changed: 1 Warnings: 0

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 'o='CB"' at line 1
MariaDB [assignment1]> update product_master set qty=100 where product_no='CB';
Query OK, 0 rows affected (0.08 sec)
Rows matched: 1 Changed: 0 Warnings: 0

MariaDB [assignment1]> delete from product_master where qty = 100;
Query OK, 1 row affected (0.35 sec)

MariaDB [assignment1]> select * from product_master;
+-----+-----+-----+-----+-----+
| product_no | description | qty | sell_price | cost_price |
+-----+-----+-----+-----+-----+
CA	ABCD	10	1000	200
CC	KJFGJHH	150	40000	2000
CD	KLJFHIFKJKDL	5	15000	35
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

MariaDB [assignment1]> delete from client_master where city = 'Barisal';
Query OK, 1 row affected (0.09 sec)

MariaDB [assignment1]> select * from client_master;
+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due |
+-----+-----+-----+-----+-----+
c001	Amit	Savar	Sylhet	100000
c002	Sakib	Chwakbazar	Chittagong	50000
c003	Rahim	Lohagara	Chittagong	10000
c004	Hasan	Bikrompur	Dhaka	20000
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

MariaDB [assignment1]> ALTER TABLE client_master ADD phone VARCHAR (11);
Query OK, 0 rows affected (0.55 sec)
Records: 0 Duplicates: 0 Warnings: 0

Copied Code (cont.)

MariaDB [assignment1]> select * from client_master;

```
+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due | phone |
+-----+-----+-----+-----+-----+
| c001 | Amit | Savar | Sylhet | 100000 | NULL |
| c002 | Sakib | Chwakhbazar | Chittagong | 50000 | NULL |
| c003 | Rahim | Lohagara | Chittagong | 10000 | NULL |
| c004 | Hasan | Bikrompur | Dhaka | 20000 | NULL |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

MariaDB [assignment1]> ALTER TABLE client_master DROP phone;

Query OK, 0 rows affected (0.55 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [assignment1]> select * from client_master;

```
+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due |
+-----+-----+-----+-----+-----+
| c001 | Amit | Savar | Sylhet | 100000 |
| c002 | Sakib | Chwakhbazar | Chittagong | 50000 |
| c003 | Rahim | Lohagara | Chittagong | 10000 |
| c004 | Hasan | Bikrompur | Dhaka | 20000 |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

MariaDB [assignment1]> ;

ERROR: No query specified

MariaDB [assignment1]> ALTER TABLE client_master ADD phone VARCHAR (11);

Query OK, 0 rows affected (0.73 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [assignment1]> ALTER TABLE client_master CHANGE phone mobile VARCHAR (11);

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [assignment1]> select * from client_master;

```
+-----+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due | mobile |
+-----+-----+-----+-----+-----+-----+
| c001 | Amit | Savar | Sylhet | 100000 | NULL |
| c002 | Sakib | Chwakhbazar | Chittagong | 50000 | NULL |
| c003 | Rahim | Lohagara | Chittagong | 10000 | NULL |
| c004 | Hasan | Bikrompur | Dhaka | 20000 | NULL |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

MariaDB [assignment1]> DROP TABLE client_master;

Query OK, 0 rows affected (0.41 sec)

Copied Code (cont.)

MariaDB [assignment1]> show tables;

```
+-----+
| Tables_in_assignment1 |
+-----+
| product_master        |
| salesman_master       |
+-----+
2 rows in set (0.00 sec)
```

MariaDB [assignment1]> DROP TABLE salesman_master;
Query OK, 0 rows affected (0.09 sec)

MariaDB [assignment1]> show tables;

```
+-----+
| Tables_in_assignment1 |
+-----+
| product_master        |
+-----+
1 row in set (0.00 sec)
```

MariaDB [assignment1]> Bye

Screenshots

```
Setting environment for using XAMPP for Windows.
comm@SAIMON-PC d:\xampp
# mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 2
Server version: 10.1.29-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2017, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> create database assignment1;
Query OK, 1 row affected (0.29 sec)

MariaDB [(none)]> use assignment1;
Database changed
MariaDB [assignment1]> CREATE TABLE client_master (client_no varchar (11) PRIMARY KEY, name VARCHAR
-> (120), address TEXT, city VARCHAR (100), bal_due INT);
Query OK, 0 rows affected (0.42 sec)

MariaDB [assignment1]> CREATE TABLE product_master (product_no varchar (11) PRIMARY KEY, description
-> TEXT, qty INT, sell_price INT, cost_price INT);
Query OK, 0 rows affected (0.16 sec)

MariaDB [assignment1]> CREATE TABLE salesman_master (salesman_no varchar (11) PRIMARY KEY,
-> salesman_name varchar (120), address TEXT, city varchar (100), salary INT);
Query OK, 0 rows affected (0.13 sec)

MariaDB [assignment1]> INSERT INTO `client_master` (`client_no`, `name`, `address`, `city`, `bal_due`) VALUES ('c001', 'Amit', 'Savar', 'Dhaka', '100000'),
('c002', 'Sakib', 'Chwakhazar', 'Chittagong', '50000'), ('c003', 'Rahim', 'Lohagara', 'Chittagong', '10000'), ('c005', 'Hasan', 'Bikrompur', 'Dhaka', '20000'),
('c005', 'Lisa', 'Borguna', 'Barisal', '5000');
ERROR 1062 (23000): Duplicate entry 'c005' for key 'PRIMARY'
MariaDB [assignment1]> INSERT INTO `client_master` (`client_no`, `name`, `address`, `city`, `bal_due`) VALUES ('c001', 'Amit', 'Savar', 'Dhaka', '100000'),
('c002', 'Sakib', 'Chwakhazar', 'Chittagong', '50000'), ('c003', 'Rahim', 'Lohagara', 'Chittagong', '10000'), ('c004', 'Hasan', 'Bikrompur', 'Dhaka', '20000'),
('c005', 'Lisa', 'Borguna', 'Barisal', '5000');
Query OK, 5 rows affected (0.34 sec)
Records: 5  Duplicates: 0  Warnings: 0

MariaDB [assignment1]> INSERT INTO `product_master` (`product_no`, `description`, `qty`, `sell_price`, `cost_price`) VALUES ('CA', 'ABCD', '10', '1000', '2
00'), ('CB', 'EFGH', '20', '5000', '150'), ('CC', 'KJFGJHH', '150', '40000', '2000'), ('CD', 'KLJFHIFKJDL', '5', '15000', '500')
-> ;
Query OK, 4 rows affected (0.08 sec)
Records: 4  Duplicates: 0  Warnings: 0

MariaDB [assignment1]> INSERT INTO `salesman_master` (`salesman_no`, `salesman_name`, `address`, `city`, `salary`) VALUES ('1', 'Amit', 'Savar', 'Dhaka', '
2000'), ('2', 'Hasan', 'Bikrompur', 'Dhaka', '500'), ('3', 'Rahim', 'Oxygen', 'Chittagong', '20000'), ('4', 'Mona', 'Borguna', 'Barisal', '50000');
Query OK, 4 rows affected (0.08 sec)
Records: 4  Duplicates: 0  Warnings: 0
```

```

MariaDB [assignment1]> Select name from client_master;
+-----+
| name |
+-----+
| Amit |
| Sakib |
| Rahim |
| Hasan |
| Lisa |
+-----+
5 rows in set (0.00 sec)

MariaDB [assignment1]> Select * from client_master;
+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due |
+-----+-----+-----+-----+-----+
| c001 | Amit | Savar | Dhaka | 100000 |
| c002 | Sakib | Chwakhbazar | Chittagong | 50000 |
| c003 | Rahim | Lohagara | Chittagong | 10000 |
| c004 | Hasan | Bikrompur | Dhaka | 20000 |
| c005 | Lisa | Borguna | Barisal | 5000 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

MariaDB [assignment1]> Select name, city from client_master;
+-----+-----+
| name | city |
+-----+-----+
| Amit | Dhaka |
| Sakib | Chittagong |
| Rahim | Chittagong |
| Hasan | Dhaka |
| Lisa | Barisal |
+-----+-----+
5 rows in set (0.00 sec)

MariaDB [assignment1]> Select * from product_master;
+-----+-----+-----+-----+-----+
| product_no | description | qty | sell_price | cost_price |
+-----+-----+-----+-----+-----+
| CA | ABCD | 10 | 1000 | 200 |
| CB | EFGH | 20 | 5000 | 150 |
| CC | KJFGJHH | 150 | 40000 | 2000 |
| CD | KLJFHIFKJDL | 5 | 15000 | 500 |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

```

```

MariaDB [assignment1]> Select * from client_master where city='Dhaka';
+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due |
+-----+-----+-----+-----+-----+
| c001      | Amit | Savar   | Dhaka | 100000 |
| c004      | Hasan | Bikrompur | Dhaka | 20000 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

MariaDB [assignment1]> Select salesman_name from salesman_master where salary >= 10000;
+-----+
| salesman_name |
+-----+
| Rahim         |
| Mona          |
+-----+
2 rows in set (0.00 sec)

MariaDB [assignment1]> UPDATE client_master SET city = 'Sylhet' WHERE client_no = 'c001';
Query OK, 1 row affected (0.34 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [assignment1]> select * from client_master;
+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due |
+-----+-----+-----+-----+-----+
| c001      | Amit | Savar   | Sylhet | 100000 |
| c002      | Sakib | Chwakhbazar | Chittagong | 50000 |
| c003      | Rahim | Lohagara | Chittagong | 10000 |
| c004      | Hasan | Bikrompur | Dhaka | 20000 |
| c005      | Lisa | Borguna | Barisal | 5000 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

MariaDB [assignment1]> UPDATE client_master SET bal_due = 5000 WHERE client_no = 'c005';
Query OK, 0 rows affected (0.33 sec)
Rows matched: 1 Changed: 0 Warnings: 0

MariaDB [assignment1]> select * from client_master;
+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due |
+-----+-----+-----+-----+-----+
| c001      | Amit | Savar   | Sylhet | 100000 |
| c002      | Sakib | Chwakhbazar | Chittagong | 50000 |
| c003      | Rahim | Lohagara | Chittagong | 10000 |
| c004      | Hasan | Bikrompur | Dhaka | 20000 |
| c005      | Lisa | Borguna | Barisal | 5000 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

```

```

MariaDB [assignment1]> update product_master set cost_price = 35 where product_no = 'CD';
Query OK, 1 row affected (0.34 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [assignment1]> select * from product_master;
+-----+-----+-----+-----+-----+
| product_no | description | qty | sell_price | cost_price |
+-----+-----+-----+-----+-----+
| CA         | ABCD       | 10  | 1000       | 200        |
| CB         | EFGH       | 20  | 5000       | 150        |
| CC         | KJFGJHH   | 150 | 40000      | 2000       |
| CD         | KLJFHIFKJDL | 5   | 15000      | 35         |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

MariaDB [assignment1]> UPDATE salesman_master SET city = 'Dhaka';
Query OK, 2 rows affected (0.34 sec)
Rows matched: 4  Changed: 2  Warnings: 0

MariaDB [assignment1]> select * from salesman_master;
+-----+-----+-----+-----+-----+
| salesman_no | salesman_name | address | city | salary |
+-----+-----+-----+-----+-----+
| 1           | Amit          | Savar   | Dhaka | 2000    |
| 2           | Hasan         | Bikrompur | Dhaka | 500     |
| 3           | Rahim         | Oxygen   | Dhaka | 20000   |
| 4           | Mona          | Borguna  | Dhaka | 50000   |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

MariaDB [assignment1]> delete from salesman_master where salary <= 5000;
Query OK, 2 rows affected (0.34 sec)

MariaDB [assignment1]> select * from salesman_master;
+-----+-----+-----+-----+-----+
| salesman_no | salesman_name | address | city | salary |
+-----+-----+-----+-----+-----+
| 3           | Rahim         | Oxygen   | Dhaka | 20000   |
| 4           | Mona          | Borguna  | Dhaka | 50000   |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

MariaDB [assignment1]> delete from product_master where qty = 100;
Query OK, 0 rows affected (0.00 sec)

```

```
MariaDB [assignment1]> delete from product_master where qty = 100;  
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [assignment1]> select * from product_master;
```

product_no	description	qty	sell_price	cost_price
CA	ABCD	10	1000	200
CB	EFGH	20	5000	150
CC	KJFGJHH	150	40000	2000
CD	KLJFHIFKJKDL	5	15000	35

```
4 rows in set (0.00 sec)
```

```
MariaDB [assignment1]> update product_master set cost_price=100 where product_no='CB';  
Query OK, 1 row affected (0.33 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [assignment1]> select * from product_master;
```

product_no	description	qty	sell_price	cost_price
CA	ABCD	10	1000	200
CB	EFGH	20	5000	100
CC	KJFGJHH	150	40000	2000
CD	KLJFHIFKJKDL	5	15000	35

```
4 rows in set (0.00 sec)
```

```
MariaDB [assignment1]> delete from product_master where qty = 100;  
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [assignment1]> select * from product_master;
```

product_no	description	qty	sell_price	cost_price
CA	ABCD	10	1000	200
CB	EFGH	20	5000	100
CC	KJFGJHH	150	40000	2000
CD	KLJFHIFKJKDL	5	15000	35

```
4 rows in set (0.00 sec)
```

```

MariaDB [assignment1]> update product_master set qty=100 where product_no='CB';o='CB';
Query OK, 1 row affected (0.35 sec)
Rows matched: 1 Changed: 1 Warnings: 0

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
MariaDB [assignment1]> update product_master set qty=100 where product_no='CB';
Query OK, 0 rows affected (0.08 sec)
Rows matched: 1 Changed: 0 Warnings: 0

MariaDB [assignment1]> delete from product_master where qty = 100;
Query OK, 1 row affected (0.35 sec)

MariaDB [assignment1]> select * from product_master;
+-----+-----+-----+-----+-----+
| product_no | description | qty | sell_price | cost_price |
+-----+-----+-----+-----+-----+
| CA        | ABCD       | 10  | 1000       | 200        |
| CC        | KJFGJHH   | 150 | 40000      | 2000       |
| CD        | KLJFHIFKJKDL | 5  | 15000      | 35         |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

MariaDB [assignment1]> delete from client_master where city = 'Barisal';
Query OK, 1 row affected (0.09 sec)

MariaDB [assignment1]> select * from client_master;
+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due |
+-----+-----+-----+-----+-----+
| c001      | Amit | Savar   | Sylhet | 100000 |
| c002      | Sakib | Chwakhbazar | Chittagong | 50000 |
| c003      | Rahim | Lohagara | Chittagong | 10000 |
| c004      | Hasan | Bikrompur | Dhaka | 20000 |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

MariaDB [assignment1]> ALTER TABLE client_master ADD phone VARCHAR (11);
Query OK, 0 rows affected (0.55 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [assignment1]> select * from client_master;
+-----+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due | phone |
+-----+-----+-----+-----+-----+-----+
| c001      | Amit | Savar   | Sylhet | 100000 | NULL |
| c002      | Sakib | Chwakhbazar | Chittagong | 50000 | NULL |
| c003      | Rahim | Lohagara | Chittagong | 10000 | NULL |
| c004      | Hasan | Bikrompur | Dhaka | 20000 | NULL |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

```

```

MariaDB [assignment1]> ALTER TABLE client_master DROP phone;
Query OK, 0 rows affected (0.55 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [assignment1]> select * from client_master;
+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due |
+-----+-----+-----+-----+-----+
| c001 | Amit | Savar | Sylhet | 100000 |
| c002 | Sakib | Chwakhbazar | Chittagong | 50000 |
| c003 | Rahim | Lohagara | Chittagong | 10000 |
| c004 | Hasan | Bikrompur | Dhaka | 20000 |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

MariaDB [assignment1]> ;
ERROR: No query specified

MariaDB [assignment1]> ALTER TABLE client_master ADD phone VARCHAR (11);
Query OK, 0 rows affected (0.73 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [assignment1]> ALTER TABLE client_master CHANGE phone mobile VARCHAR (11);
Query OK, 0 rows affected (0.04 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [assignment1]> select * from client_master;
+-----+-----+-----+-----+-----+-----+
| client_no | name | address | city | bal_due | mobile |
+-----+-----+-----+-----+-----+-----+
| c001 | Amit | Savar | Sylhet | 100000 | NULL |
| c002 | Sakib | Chwakhbazar | Chittagong | 50000 | NULL |
| c003 | Rahim | Lohagara | Chittagong | 10000 | NULL |
| c004 | Hasan | Bikrompur | Dhaka | 20000 | NULL |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

MariaDB [assignment1]> DROP TABLE client_master;
Query OK, 0 rows affected (0.41 sec)

MariaDB [assignment1]> show tables;
+-----+
| Tables_in_assignment1 |
+-----+
| product_master |
| salesman_master |
+-----+
2 rows in set (0.00 sec)

MariaDB [assignment1]> DROP TABLE salesman_master;
Query OK, 0 rows affected (0.09 sec)

MariaDB [assignment1]> show tables;
+-----+
| Tables_in_assignment1 |
+-----+
| product_master |
+-----+
1 row in set (0.00 sec)

MariaDB [assignment1]> Bye

```