Assignment-2

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Exercise 5: Exercise on deleting the records in the table.
a) Delete all the salesman from the Salesman_Master whose salaries are equal to 3500.
b) Delete all products from Product_Master where the QtyOnHand is equal to 100.
c) Delete from Client where the column state ='Tamil Nadu'.
Answer:
a.
```
mysql> DELETE FROM Salesman_Master
    -> WHERE SalAmt = 3500;
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM Salesman_Master;
```

SalesmanNo	SalesmanName	Address1	Address2	City	PinCode	State	SalAmt	TgttoGet	YtdSales	Remarks
S00001	Aman	A/14	Worli	Pune	400002	Maharashtra	3000	100	50	Good
S00002	Omkar	65	Nariman	Pune	400001	Maharashtra	3000	200	100	Good
S00003	Raj	P-7	Bandra	Pune	400032	Maharashtra	3000	200	100	Good

b.
```
mysql> DELETE FROM Product_Master
    -> WHERE QtyOnHand = 100;
Query OK, 3 rows affected (0.01 sec)

mysql> SELECT * FROM Product_Master;
```

ProductNo	ProductName	Quantity	Piece	QtyOnHand	Tax	CostPrice	SellPrice
P0001	T-shirts	5.00	Piece	200	50	350	250
P0345	Shirts	6.00	Piece	150	50	500	350
P07868	Trousers	2.00	Piece	150	50	950	550
P07885	Pull Overs	2.50	Piece	150	50	850	550
P07868	Lycra Tops	5.00	Piece	70	30	300	175
P07868	Skirts	5.00	Piece	75	30	450	300

c.
```
mysql> DELETE FROM Client_Master
    -> WHERE State = 'Tamil Nadu';
Query OK, 1 row affected (0.01 sec)

mysql> SELECT * FROM Client_Master;
```

ClientNo	Name	Address1	Address2	City	PinCode	State	BalDue
C00001	Ivan Bayross	Address1	Address2	Mumbai	400001	Maharashtra	1000
C00003	Chhaya Bankar	Address1	Address2	Mumbai	400057	Maharashtra	5000
C00004	Ashwini Joshi	Address1	Address2	Bangalore	560001	Karnataka	0
C00005	Hansei Colaco	Address1	Address2	Bangalore	400060	Maharashtra	2000
C00006	Deepak Sharma	Address1	Address2	Mangalore	560050	Karnataka	0

Exercise 6: Exercise on altering the table structure.
d) Add a column called 'Telephone' of data type 'number' and size '10' to the Client_Master table.
e) Change the size ODF SellPrice column Product_Master to 10.2.
Answer:
d.
```
mysql> ALTER TABLE Client_Master
    -> ADD COLUMN Telephone INT;
Query OK, 0 rows affected (0.05 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> DESC Client_Master;
```

Field	Type	Null	Key	Default	Extra
ClientNo	varchar(6)	YES		NULL	
Name	varchar(20)	YES		NULL	
Address1	varchar(30)	YES		NULL	
Address2	varchar(30)	YES		NULL	
City	varchar(15)	YES		NULL	
PinCode	int	YES		NULL	

```
| State     | varchar(15) | YES |     | NULL    |       |
| BalDue    | int         | YES |     | NULL    |       |
| Telephone | int         | YES |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
```
e.
```
mysql> ALTER TABLE Product_Master
    -> MODIFY SellPrice DECIMAL(10,2);
Query OK, 6 rows affected (0.08 sec)
Records: 6  Duplicates: 0  Warnings: 0

mysql> DESC Product_Master;
+-------------+--------------+------+-----+---------+-------+
| Field       | Type         | Null | Key | Default | Extra |
+-------------+--------------+------+-----+---------+-------+
| ProductNo   | varchar(6)   | YES  |     | NULL    |       |
| ProductName | varchar(15)  | YES  |     | NULL    |       |
| Quantity    | decimal(3,2) | YES  |     | NULL    |       |
| Piece       | char(10)     | YES  |     | NULL    |       |
| QtyOnHand   | int          | YES  |     | NULL    |       |
| Tax         | int          | YES  |     | NULL    |       |
| CostPrice   | int          | YES  |     | NULL    |       |
| SellPrice   | decimal(10,2)| YES  |     | NULL    |       |
+-------------+--------------+------+-----+---------+-------+
```
Exercise 7: Exercise on deleting the table structure.
f) Destroy table Client_Master along with its data.
Answer:
f.
```
mysql> DROP TABLE Client_Master;
Query OK, 0 rows affected (0.03 sec)

mysql> SHOW TABLES;
+-----------------+
| Tables_in_lab   |
+-----------------+
| product_master  |
| salesman_master |
+-----------------+
```
Exercise 8: Exercise on renaming the table.
g) Change the name of the Salesman_Master to sman_mast.
Answer:
g.
```
mysql> RENAME TABLE Salesman_Master TO sman_mast;
Query OK, 0 rows affected (0.04 sec)

mysql> SHOW TABLES;
+----------------+
| Tables_in_lab  |
+----------------+
| product_master |
| sman_mast      |
+----------------+
```