

FAIZAN CHOUDHARY

20BCS021

DBMS LAB

14th February 2022

Creation:

- mysql> use 20bcs021_faizan;
- mysql> create table salesman_master
-> (
-> salesman_no varchar(6),
-> salesman_name varchar(20),
-> address1 varchar(30),
-> address2 varchar(30),
-> city varchar(20),
-> pincode int(8),
-> state varchar(20),
-> sal_amt int(8),
-> tgt_to_get int(6),
-> ytd_sales int(6),
-> remarks varchar(60)
->);
- mysql> insert into salesman_master
-> values ('S00001', 'Aman', 'A/14', 'Worli', 'Mumbai',
400002, 'Maharashtra', 3000, 100, 50, 'Good'),
-> ('S00002', 'Omkar', '65', 'Nariman', 'Mumbai', 400001,
'Maharashtra', 3000, 200, 100, 'Good'),
-> ('S00003', 'Raj', 'P-7', 'Bandra', 'Mumbai', 400032,
'Maharashtra', 3000, 200, 100, 'Good'),
-> ('S00004', 'Ashish', 'A/5', 'Juhu', 'Mumbai', 400044,
'Maharashtra', 3500, 200, 150, 'Good');
- mysql> select * from salesman_master;

```
mysql> select * from salesman_master;
```

salesman_no	salesman_name	address1	address2	city	pincode	state	sal_amt	tgt_to_get	ytd_sales	remarks
S00001	Aman	A/14	Worli	Mumbai	400002	Maharashtra	3000	100	50	Good
S00002	Omkar	65	Nariman	Mumbai	400001	Maharashtra	3000	200	100	Good
S00003	Raj	P-7	Bandra	Mumbai	400032	Maharashtra	3000	200	100	Good
S00004	Ashish	A/5	Juhu	Mumbai	400044	Maharashtra	3500	200	150	Good

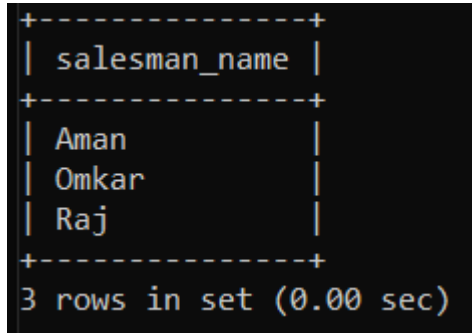
4 rows in set (0.00 sec)

Queries:

1. Find the names of salesman who have a salary equal to Rs.3000.

```
mysql> select salesman_name  
-> from salesman_master  
-> where sal_amt = 3000;
```

OUTPUT:

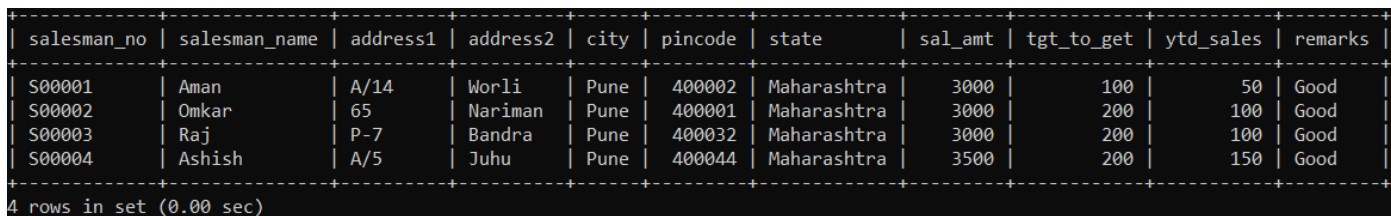


```
+-----+  
| salesman_name |  
+-----+  
| Aman          |  
| Omkar         |  
| Raj           |  
+-----+  
3 rows in set (0.00 sec)
```

2. Change the city of the salesman to Pune.

```
mysql> update salesman_master  
-> set city = 'Pune';
```

OUTPUT:



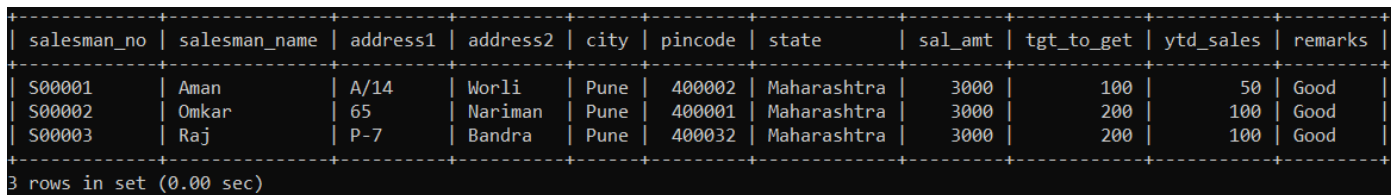
salesman_no	salesman_name	address1	address2	city	pincode	state	sal_amt	tgt_to_get	ytd_sales	remarks
S00001	Aman	A/14	Worli	Pune	400002	Maharashtra	3000	100	50	Good
S00002	Omkar	65	Nariman	Pune	400001	Maharashtra	3000	200	100	Good
S00003	Raj	P-7	Bandra	Pune	400032	Maharashtra	3000	200	100	Good
S00004	Ashish	A/5	Juhu	Pune	400044	Maharashtra	3500	200	150	Good

4 rows in set (0.00 sec)

3. Delete all the salesman from the salesman_master whose salaries are equal to 3500.

```
mysql> delete from salesman_master  
-> where sal_amt = 3500;
```

OUTPUT:



salesman_no	salesman_name	address1	address2	city	pincode	state	sal_amt	tgt_to_get	ytd_sales	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

3 rows in set (0.00 sec)

4. Delete from Client where the column state = 'Maharashtra'.

```
mysql> delete from client_master  
-> where state = 'Maharashtra';
```

OUTPUT:



client_no	name	address1	address2	city	pin_code	state	bal_due
C00002	Mamta Mazumdar	P-4	Chennai	Madras	780001	Tamil Nadu	0
C00004	Ashwini Joshi	J-5	Alur	Bangalore	560001	Karnataka	0
C00006	Deepak Sharma	E/2	Attur	Mangalore	560050	Karnataka	0

3 rows in set (0.00 sec)

5. Add a column called 'Telephone' of data type 'number' and size '10' to the client_master table.

```
mysql> alter table client_master
-> add telephone int(10);
```

OUTPUT:

client_no	name	address1	address2	city	pin_code	state	bal_due	telephone
C00002	Mamta Mazumdar	P-4	Chennai	Madras	780001	Tamil Nadu	0	NULL
C00004	Ashwini Joshi	J-5	Alur	Bangalore	560001	Karnataka	0	NULL
C00006	Deepak Sharma	E/2	Attur	Mangalore	560050	Karnataka	0	NULL

3 rows in set (0.00 sec)

6. Change the size of sale_price column product_master to 10,2.

```
mysql> alter table product_master
-> modify sale_price decimal(10,2);
```

OUTPUT:

product_no	product_name	quantity	piece	qty_on_hand	tax	cost_price	sale_price
P00001	T-Shirts	5.00	Piece	200	50	350	250.00
P0345	Shirts	6.00	Piece	150	50	500	350.00
P07868	Trousers	2.00	Piece	150	50	950	550.00
P07885	Pull Overs	2.50	Piece	150	50	850	550.00
P07868	Lycra Tops	5.00	Piece	70	30	300	175.00
P07868	Skirts	5.00	Piece	75	30	450	300.00

6 rows in set (0.00 sec)

7. Destroy table client_master along with its data.

```
mysql> alter table product_master
-> modify sale_price decimal(10,2);
```

OUTPUT:

```
ERROR 1146 (42S02): Table '20bcs021_faizan.client_master' doesn't exist
```

8. Change the name of the Salesman_Master to sman_mast.

```
mysql> alter table salesman_master
-> rename to sman_mast;
```

OUTPUT:

```
ERROR 1146 (42S02): Table '20bcs021_faizan.salesman_master' doesn't exist
```

```
mysql> select * from sman_mast;
```

salesman_no	salesman_name	address1	address2	city	pincode	state	sal_amt	tgt_to_get	ytd_sales	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

3 rows in set (0.01 sec)