

Institute of computer technology

B.Tech-CSE(BDA)

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Sem:-3

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Practical

Q:- A) Retrieving records from table.

- 1) Find out the names of all clients.
- 2) Retrieve the list of names and the cities of all the clients
- 3) List the various products available from the product_master table.
- 4) List all the clients who are located in Bombay.
- 5) Find the names of the salesman who have a salary equal to Rs. 3000
- 6) List out only unique values for the city of client_master table
- 7) Display product_master table according to the sell_price of product.
- 8) Display product_master table according to the sell_price and cost_price.
- 9) Display product_no, description in descending order of sell_price for product_master table.

A=> Query:- use BDA_23162121021;

set SQL_SAFE_UPDATES = 0;

1)select Name from client_master;

- 2)select Name, city from client_master;
- 3)select Description from product_master where Qty_on_hand != 0;
- 4)select Name from client_master where city = 'Bombay';
- 5)select S_name from salesman_master where Sal_Amt = 3000;
- 6)select distinct city from client_master;
- 7)select sell_price from product_master;
- 8)select sell_price, cost_price from product_master;
- 9)select * from product_master order by sell_price desc;

Screenshot:-

1

The screenshot shows a SQL IDE interface with a script editor and a results/output pane. The script editor contains the following SQL statements:

```

1 * use BDA_23162121021;
2 * set SQL_SAFE_UPDATES = 0;
3 * select Name from client_master;
4 * select Name, city from client_master;
5 * select Description from product_master where Qty_on_hand != 0;
6 * select Name from client_master where city = 'Bombay';
7 * select S_name from salesman_master where Sal_Amt = 3000;
8 * select distinct city from client_master;

```

The results pane shows the execution of the first query, 'select Name from client_master;'. The result is a table with one column, 'Name', and six rows of data:

Name
Ivan
Vandana
Pramada
Basu
Ravi
Rukmani

The output pane shows the execution log for the first five queries:

#	Time	Action	Message	Duration / Fetch
1	09:27:01	select Name from client_master LIMIT 0, 1000	Error Code: 1046. No database selected Select the default DB to be used by double-clicking its name in the SCH...	0.016 sec
2	09:27:12	use BDA_23162121021	0 row(s) affected	0.000 sec
3	09:27:15	use BDA_23162121021	0 row(s) affected	0.000 sec
4	09:27:15	set SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
5	09:27:15	select Name from client_master LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

2

prac_1_A prac_1_B* prac_1_C **prac_2**

```

1 * use BDA_23162121021;
2 * set SQL_SAFE_UPDATES = 0;
3 * select Name from client_master;
4 * select Name, city from client_master;
5 * select Description from product_master where Qty_on_hand != 0;
6 * select Name from client_master where city = 'Bombay';
7 * select S_name from salesman_master where Sal_Amt = 3000;
8 * select distinct city from client_master;

```

Result Grid Filter Rows: Exports: Wrap Cell Contents:

Name	city
Ivan	Bombay
Vandana	Madras
Pramada	Bombay
Basu	Bombay
Ravi	Delhi
Rukmani	Bombay

client_master 3 x Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:27:52	select Name, city from client_master LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

3

prac_1_A prac_1_B* prac_1_C **prac_2**

```

1 * use BDA_23162121021;
2 * set SQL_SAFE_UPDATES = 0;
3 * select Name from client_master;
4 * select Name, city from client_master;
5 * select Description from product_master where Qty_on_hand != 0;
6 * select Name from client_master where city = 'Bombay';
7 * select S_name from salesman_master where Sal_Amt = 3000;
8 * select distinct city from client_master;

```

Result Grid Filter Rows: Exports: Wrap Cell Contents:

Description
Floppies
Monitor
Mouse
Floppies
Keyboards
Cd Drive
1.44 Drive

product_master 4 x Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:27:52	select Name, city from client_master LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
2	09:28:05	select Description from product_master where Qty_on_hand != 0 LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

4

The screenshot shows the SQL Developer interface with a script named 'prac_2' containing the following SQL statements:

```

1 use BDA_23162121021;
2 set SQL_SAFE_UPDATES = 0;
3 select Name from client_master;
4 select Name, city from client_master;
5 select Description from product_master where Qty_on_hand != 0;
6 select Name from client_master where city = 'Bombay';
7 select S_name from salesman_master where Sal_Amt = 3000;
8 select distinct city from client_master;

```

The 'Result Grid' shows the results of the 6th statement, which filters clients by city 'Bombay':

Name
Ivan
Pramada
Basu
Rukhani

The 'Output' pane shows the execution log for the 6th statement:

#	Time	Action	Message	Duration / Fetch
1	09:28:36	select Name from client_master where city = 'Bombay' LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

5

The screenshot shows the same SQL Developer interface with the same script 'prac_2'. The 'Result Grid' now shows the results of the 7th statement, which filters salesmen by salary:

S_name
Kiran
Marish
Ravi

The 'Output' pane shows the execution log for the 7th statement:

#	Time	Action	Message	Duration / Fetch
1	09:28:36	select Name from client_master where city = 'Bombay' LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
2	09:28:53	select S_name from salesman_master where Sal_Amt = 3000 LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

6

prac_1_A prac_1_B* prac_1_C prac_2 x

Limit to 1000 rows

```

3 # Execute the selected portion of the script or everything, if there is no selection
4 # select Name, city from client_master;
5 # select Description from product_master where Qty_on_hand != 0;
6 # select Name from client_master where city = 'Bombay';
7 # select S_name from salesman_master where Sal_Amt = 3000;
8 # select distinct city from client_master;
9 # select sell_price from product_master;
10 # select sell_price, cost_price from product_master;

```

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: |

city
Bombay
Madras
Delhi

client_master 7 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:28:36	select Name from client_master where city = 'Bombay' LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
2	09:28:53	select S_name from salesman_master where Sal_Amt = 3000 LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
3	09:29:09	select distinct city from client_master LIMIT 0, 1000	3 row(s) returned	0.016 sec / 0.000 sec

7

prac_1_A prac_1_B* prac_1_C prac_2 x

Limit to 1000 rows

```

3 # select Name from client_master;
4 # select Name, city from client_master;
5 # select Description from product_master where Qty_on_hand != 0;
6 # select Name from client_master where city = 'Bombay';
7 # select S_name from salesman_master where Sal_Amt = 3000;
8 # select distinct city from client_master;
9 # select sell_price from product_master;
10 # select sell_price, cost_price from product_master;

```

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: |

sell_price
525
12000
1050
525
3150
5250
8400
8400

product_master 8 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:29:28	select sell_price from product_master LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec

8

prac_1_A prac_1_B* prac_1_C **prac_2** x

```

9 * select sell_price from product_master;
10 * select sell_price, cost_price from product_master;
11 * select * from product_master order by sell_price desc;
12
13
14 * update client_master set city = 'Bombay' where Client_no = 'C002';
15 * update client_master set Bal_due = 1000 where Client_no = 'C001';
16 * update product_master set cost_price = 950 where Description = 'Floppies';

```

Result Grid

sell_price	cost_price
525	500
12000	11280
1050	1000
525	1000
3150	500
5250	3050
8400	8000
8400	8000

product_master 9 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:29:28	select sell_price from product_master LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
2	09:29:42	select sell_price, cost_price from product_master LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec

9

prac_1_A prac_1_B* prac_1_C **prac_2** x

```

9 * select sell_price from product_master;
10 * select sell_price, cost_price from product_master;
11 * select * from product_master order by sell_price desc;
12
13
14 * update client_master set city = 'Bombay' where Client_no = 'C002';
15 * update client_master set Bal_due = 1000 where Client_no = 'C001';
16 * update product_master set cost_price = 950 where Description = 'Floppies';

```

Result Grid

Product_no	Description	P_percent	U_measure	Qty_on_hand	Reorder_Ml	sell_price	Cost_price
P002	Monitor	6	Piece	10	3	12000	11280
P007	1.44 Drive	4	Piece	10	3	8400	8000
P008	This	4	Piece	0	3	8400	8000
P006	Cd Drive	2.5	Piece	10	3	5250	3050
P005	Keyboards	2	Piece	10	3	3150	500
P003	Mouse	5	Piece	20	5	1050	1000
P001	Floppies	5	Piece	100	20	525	500
P004	Floppies	5	Piece	100	20	525	1000

product_master 10 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:30:01	select * from product_master order by sell_price desc LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec

Q:- B) Updating records in a table.

- 1) Change the city of client_no'C002' to 'Bombay'.
- 2) Change the bal_due of client_no'C001' to Rs.1000
- 3) Change the cost price of Floppies to Rs. 950.00
- 4) Change the city of the salesman to Mumbai.

A=> Query:-

update client_master set city = 'Bombay' where Client_no = 'C002';

update client_master set Bal_due = 1000 where Client_no = 'C001';

update product_master set cost_price = 950 where Description = 'Floppies';

update salesman_master set city = 'Mumbai';

Screenshot:-

1

The screenshot displays a database management interface with a SQL editor and a results pane. The SQL editor contains the following queries:

```
9 * select sell_price from product_master;
10 * select sell_price, cost_price from product_master;
11 * select * from product_master order by sell_price desc;
12
13
14 * update client_master set city = 'Bombay' where Client_no = 'C002';
15 * update client_master set Bal_due = 1000 where Client_no = 'C001';
16 * select * from client_master;
```

The results pane shows a table with the following data:

Client_no	Name	City	Pincode	State	Bal_due
C001	Ivan	Bombay	400054	Maharashtra	1000
C002	Vandana	Bombay	780001	Tamil Nadu	0
C003	Pramada	Bombay	400057	Maharashtra	5000
C004	Basu	Bombay	400056	Maharashtra	0
C005	Ravi	Delhi	100001	Gujarat	0
C006	Rukmani	Bombay	400050	Maharashtra	2000

The output pane shows the execution results of the queries:

#	Time	Action	Message	Duration / Fetch
1	09:30:20	update client_master set city = 'Bombay' where Client_no = 'C002'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
2	09:31:08	update client_master set city = 'Bombay' where Client_no = 'C002'	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.000 sec
3	09:31:08	update client_master set Bal_due = 1000 where Client_no = 'C001'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
4	09:31:08	select * from client_master LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

2

The screenshot shows a database management tool interface. The top pane displays a series of SQL queries:


```

13
14 * update client_master set city = 'Bombay' where Client_no = 'C002';
15 * update client_master set Bal_due = 1000 where Client_no = 'C001';
16 * select * from client_master;
17 * update product_master set cost_price = 950 where Description = 'Floppies';
18 * select * from product_master;
19 * update salesman_master set city = 'Mumbai';
20 * select * from salesman_master;
    
```

 The middle pane shows the 'Result Grid' for the 'product_master' table with the following data:

Product_no	Description	P_percent	U_measure	Qty_on_hand	Reorder_M	sell_price	Cost_price
P001	Floppies	5	Piece	100	20	525	950
P002	Monitor	6	Piece	10	3	12000	11280
P003	Mouse	5	Piece	20	5	1050	1000
P004	Floppies	5	Piece	100	20	525	950
P005	Keyboards	2	Piece	10	3	3150	500
P006	Cd Drive	2.5	Piece	10	3	5250	3050
P007	1.44 Drive	4	Piece	10	3	8400	8000
P008	This	4	Piece	0	3	8400	8000

 The bottom pane shows the 'Output' window with the following action log:

#	Time	Action	Message	Duration / Fetch
1	09:32:38	update product_master set cost_price = 950 where Description = 'Floppies'	2 row(s) affected Rows matched: 2 Changed: 2 Warnings: 0	0.031 sec
2	09:32:38	select * from product_master LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec

3

The screenshot shows a database management tool interface. The top pane displays a series of SQL queries:


```

16 * select * from client_master;
17 * update product_master set cost_price = 950 where Description = 'Floppies';
18 * select * from product_master;
19 * update salesman_master set city = 'Mumbai';
20 * select * from salesman_master;
21 * delete from salesman_master where Sal_Amt = 3500;
22 * delete from product_master where Qty_on_hand = 100;
23 * delete from client_master where city = 'Tamil Nadu';
    
```

 The middle pane shows the 'Result Grid' for the 'salesman_master' table with the following data:

S_no	S_name	City	Pin	State	Sal_Amt	Tgt_to_get	Ytd_sales	Remarks
S001	Kiran	Mumbai	400002	Maharashtra	3000	100	50	Excellent
S002	Manish	Mumbai	400001	Maharashtra	3000	200	100	Good
S003	Ravi	Mumbai	400032	Maharashtra	3000	200	100	Average
S004	Ashish	Mumbai	400044	Maharashtra	3500	200	150	Good

 The bottom pane shows the 'Output' window with the following action log:

#	Time	Action	Message	Duration / Fetch
1	09:32:59	update salesman_master set city = 'Mumbai'	4 row(s) affected Rows matched: 4 Changed: 4 Warnings: 0	0.031 sec
2	09:32:59	select * from salesman_master LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

4

Q:- C) Deleting records in a table:

- 1) Delete all salesman from the salesmane_master whose salaries are equal to Rs. 3500.
- 2) Delete all products from product_master where the quantity on hand is equal to 100.
- 3) Delete from client_master where the column state holds the value 'Tamil Nadu'.

A=> Query:-

delete from salesman_master where Sal_Amt = 3500;

delete from product_master where Qty_on_hand = 100;

delete from client_master where city = 'Tamil Nadu';

Screenshot:-

prac_1_A prac_1_B* prac_1_C **prac_2***

```

19 * update salesman_master set city = 'Mumbai';
20 * select * from salesman_master;
21 * delete from salesman_master where Sal_Amt = 3500;
22 * select * from salesman_master;
23 * delete from product_master where Qty_on_hand = 100;
24 * select * from product_master;
25 * delete from client_master where city = 'Tamil Nadu';
26 * select * from client_master;

```

Result Grid Filter Rows: Exports: Wrap Cell Contents:

S_no	S_name	City	Pin	State	Sal_Amt	Tgt_to_get	Ytd_sales	Remarks
S001	Kiran	Mumbai	400002	Maharashtra	3000	100	50	Excellent
S002	Marish	Mumbai	400001	Maharashtra	3000	200	100	Good
S003	Ravi	Mumbai	400032	Maharashtra	3000	200	100	Average

Result Grid Form Editor Field Types

salesman_master 14 product_master 15 client_master 16

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:36:18	delete from salesman_master where Sal_Amt = 3500	1 row(s) affected	0.015 sec
2	09:36:18	select * from salesman_master LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
3	09:36:18	delete from product_master where Qty_on_hand = 100	2 row(s) affected	0.000 sec
4	09:36:18	select * from product_master LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
5	09:36:18	delete from client_master where city = 'Tamil Nadu'	0 row(s) affected	0.000 sec
6	09:36:18	select * from client_master LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

prac_1_A prac_1_B* prac_1_C **prac_2***

```

19 * update salesman_master set city = 'Mumbai';
20 * select * from salesman_master;
21 * delete from salesman_master where Sal_Amt = 3500;
22 * select * from salesman_master;
23 * delete from product_master where Qty_on_hand = 100;
24 * select * from product_master;
25 * delete from client_master where city = 'Tamil Nadu';
26 * select * from client_master;

```

Result Grid Filter Rows: Exports: Wrap Cell Contents:

Client_no	Name	City	Pincode	State	Bal_due
C001	Ivan	Bombay	400054	Maharashtra	1000
C002	Vandana	Bombay	780001	Tamil Nadu	0
C003	Pramada	Bombay	400057	Maharashtra	5000
C004	Basu	Bombay	400056	Maharashtra	0
C005	Ravi	Delhi	100001	Gujarat	0
C006	Rukmani	Bombay	400050	Maharashtra	2000

Result Grid Form Editor Field Types

salesman_master 14 product_master 15 client_master 16

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:36:18	delete from salesman_master where Sal_Amt = 3500	1 row(s) affected	0.015 sec
2	09:36:18	select * from salesman_master LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
3	09:36:18	delete from product_master where Qty_on_hand = 100	2 row(s) affected	0.000 sec
4	09:36:18	select * from product_master LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
5	09:36:18	delete from client_master where city = 'Tamil Nadu'	0 row(s) affected	0.000 sec
6	09:36:18	select * from client_master LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

The screenshot displays a database management interface with two main sections. The top section shows a list of SQL queries (lines 19-26) in a dark-themed editor. The bottom section shows the 'Result Grid' and 'Action Output'.

SQL Queries:

```

19 * update salesman_master set city = 'Mumbai';
20 * select * from salesman_master;
21 * delete from salesman_master where Sal_Amt = 3500;
22 * select * from salesman_master;
23 * delete from product_master where Qty_on_hand = 100;
24 * select * from product_master;
25 * delete from client_master where city = 'Tamil Nadu';
26 * select * from client_master;

```

Result Grid:

Product_no	Description	P_percent	U_measure	Qty_on_hand	Reorder_JM	sell_price	Cost_price
P002	Monitor	6	Piece	10	3	12000	11280
P003	Mouse	5	Piece	20	5	1050	1000
P005	Keyboards	2	Piece	10	3	3150	500
P006	Cd Drive	2.5	Piece	10	3	5250	3050
P007	1.44 Drive	4	Piece	10	3	8400	8000
P008	This	4	Piece	0	3	8400	8000

Action Output:

#	Time	Action	Message	Duration / Fetch
1	09:36:18	delete from salesman_master where Sal_Amt = 3500	1 row(s) affected	0.015 sec
2	09:36:18	select * from salesman_master LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
3	09:36:18	delete from product_master where Qty_on_hand = 100	2 row(s) affected	0.000 sec
4	09:36:18	select * from product_master LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
5	09:36:18	delete from client_master where city = 'Tamil Nadu'	0 row(s) affected	0.000 sec
6	09:36:18	select * from client_master LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Q:- E) Altering the table structure:

- 1) Add a column called 'telephone' of datatype 'number' and size=10 to the client_master table.
- 2) Change the size of sell_price column in product_master to 10,2.
- 3) Rename column telephone to new name as contact for client_master table.
- 4) Delete column contact from client_master table.

A=> Query:-

alter table client_master add telephone int(10);

alter table product_master modify sell_price Numeric(10,2);

alter table client_master rename column telephone to contact;

alter table client_master drop contact;

Screenshot:-

prac_1_A prac_1_B* prac_1_C **prac_2***

```

27
28 * alter table product_master modify sell_price Numeric(10,2);
29 * select * from product_master;
30 * alter table client_master add telephone int(10);
31 * alter table client_master rename column telephone to contact;
32 * alter table client_master drop contact;
33 * select * from client_master;
34

```

Product_no	Description	P_percent	U_measure	Qty_on_hand	Reorder_M	sell_price	Cost_price
P002	Monitor	6	Piece	10	3	12000.00	11280
P003	Mouse	5	Piece	20	5	1050.00	1000
P005	Keyboards	2	Piece	10	3	3150.00	500
P006	Cd Drive	2.5	Piece	10	3	5250.00	3050
P007	1.44 Drive	4	Piece	10	3	8400.00	8000
P008	This	4	Piece	0	3	8400.00	8000

product_master 19

Output

#	Time	Action	Message	Duration / Fetch
1	09:39:31	alter table product_master modify sell_price Numeric(10,2)	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.079 sec
2	09:39:57	alter table product_master modify sell_price Numeric(10,2)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.016 sec
3	09:39:57	select * from product_master LIMIT 0, 1000	6 row(s) returned	0.015 sec / 0.000 sec

prac_1_A prac_1_B* prac_1_C **prac_2***

```

27
28 * alter table product_master modify sell_price Numeric(10,2);
29 * alter table client_master add telephone int(10);
30 * alter table client_master rename column telephone to contact;
31 * alter table client_master drop contact;
32 * select * from client_master;
33
34 * create table employee (Column1 int, Column2 varchar(10), Column3 varchar(10), Column4 int);

```

Client_no	Name	City	Pincode	State	Bal_due
C001	Ivan	Bombay	400054	Maharashtra	1000
C002	Vandana	Bombay	780001	Tamil Nadu	0
C003	Pramada	Bombay	400057	Maharashtra	5000
C004	Basu	Bombay	400056	Maharashtra	0
C005	Ravi	Delhi	100001	Gujarat	0
C006	Rukmani	Bombay	400050	Maharashtra	2000

client_master 18

Output

#	Time	Action	Message	Duration / Fetch
1	09:37:51	alter table client_master add telephone int(10)	0 row(s) affected. 1 warning(s): 1681 Integer display width is deprecated and will be removed in a future release. ...	0.031 sec
2	09:37:51	alter table client_master rename column telephone to contact	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.015 sec
3	09:37:51	alter table client_master drop contact	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.016 sec
4	09:37:51	select * from client_master LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
5	09:38:26	select * from client_master LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Q:- F) Deleting the table structure along with data:

Create table employee with 4 columns and 5 rows.

1) Destroy the table employee along with its data.

A=> Query:-

create table employee (Column1 int, Column2 varchar(10), Column3 varchar(10), Column4 int);

insert into employee values(1, 'anik', 'okay', 10);

```

insert into employee values(2, 'this', 'nah', 8);

insert into employee values(3, 'that', 'mate', 7);

insert into employee values(4, 'nope', 'yo', 6);

insert into employee values(5, 'yess', 'buddy', 4);

drop table employee;

```

Screenshot:-

The screenshot shows a database IDE with a SQL script editor and a results grid. The script includes the following SQL statements:

```

30 * Execute the selected portion of the script or everything, if there is no selection ;
31 * alter table client_master rename column telephone to contact;
32 * alter table client_master drop contact;
33 * select * from client_master;
34
35 * create table employee (Column1 int, Column2 varchar(10), Column3 varchar(10), Column4 int);
36 * insert into employee values(1, 'anik', 'okay', 10);
37 * insert into employee values(2, 'this', 'nah', 8);

```

The results grid displays the following data:

Column1	Column2	Column3	Column4
1	anik	okay	10
2	this	nah	8
3	that	mate	7
4	nope	yo	6
5	yess	buddy	4

The output pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
2	09:41:06	create table employee (Column1 int, Column2 varchar(10), Column3 varchar(10), Column4 int)	0 row(s) affected	0.031 sec
3	09:41:06	insert into employee values(1, 'anik', 'okay', 10)	1 row(s) affected	0.016 sec
4	09:41:06	insert into employee values(2, 'this', 'nah', 8)	1 row(s) affected	0.000 sec
5	09:41:06	insert into employee values(3, 'that', 'mate', 7)	1 row(s) affected	0.000 sec
6	09:41:06	insert into employee values(4, 'nope', 'yo', 6)	1 row(s) affected	0.000 sec
7	09:41:06	insert into employee values(5, 'yess', 'buddy', 4)	1 row(s) affected	0.015 sec
8	09:41:06	select * from employee LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

The screenshot shows a database IDE with a SQL script editor and a results grid. The script includes the following SQL statements:

```

39 * insert into employee values(4, 'nope', 'yo', 6);
40 * insert into employee values(5, 'yess', 'buddy', 4);
41 * select * from employee;
42
43 * drop table employee;
44 * show tables;
45
46 * rename table salesman_master to sman_mast

```

The results grid displays the following data:

Tables_in_bda_23162121021
client_master
product_master
salesman_master

The output pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
1	09:41:56	drop table employee	0 row(s) affected	0.047 sec
2	09:41:56	show tables	3 row(s) returned	0.000 sec / 0.000 sec

Q:- G) Renaming the table:

1) Change the name of the salesman_master table to sman_mast.

A=> Query:-

rename table salesman_master to sman_mast

Screenshot:-

The screenshot displays a database management interface with multiple tabs at the top: 'prac_1_A', 'prac_1_B', 'prac_1_C', and 'prac_2'. The 'prac_2' tab is active, showing a SQL editor with the following queries:

```
42
43 • drop table employee;
44 • show tables;
45
46 • rename table salesman_master to sman_mast;
47 • show tables;
48
49
```

Below the editor, the 'Result Grid' shows the output of the 'show tables' query, listing the following tables:

Tables_in_bda_23162121021
client_master
product_master
sman_mast

At the bottom, the 'Output' pane shows the execution log for 'Action Output':

#	Time	Action	Message	Duration / Fetch
1	09:42:35	rename table salesman_master to sman_mast	0 row(s) affected	0.047 sec
2	09:42:35	show tables	3 row(s) returned	0.000 sec / 0.000 sec