

# DBMS ASSESSMENT

1. List all details from the client\_master table for clients whose Bal\_due = 0.

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```
SELECT * FROM CLIENT_MASTER WHERE BAL_DUE = 0;
```

Results Explain Describe Saved SQL History

CLIENT_NO	NAME	CITY	PINCODE	BAL_DUE
C00004	BASU NATH	Mumbai	400056	0
C00006	ROOPA	Mumbai	400050	0
C00002	VANDANA RAO	Chennai	780001	0

3 rows returned in 0.03 seconds [Download](#)

2. Update table client\_master, Change city of Client\_no C00004 to Jaipur.

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```
SELECT * FROM CLIENT_MASTER ORDER BY CLIENT_NO;
```

Results Explain Describe Saved SQL History

CLIENT_NO	NAME	CITY	PINCODE	BAL_DUE
C00001	SMITHA JAIN	Mumbai	400054	15000
C00002	VANDANA RAO	Chennai	780001	0
C00003	PREM PUJARI	Mumbai	400057	5000
C00004	BASU NATH	Jaipur	400056	0
C00005	RAVI SHANKAR	Delhi	100001	2000
C00006	ROOPA	Mumbai	400050	0

6 rows returned in 0.02 seconds [Download](#)

3. Retrieve records of clients residing in Mumbai.

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Run

SELECT \* FROM CLIENT\_MASTER WHERE CITY='Mumbai';

Results

Explain

Describe

Saved SQL

History

CLIENT_NO	NAME	CITY	PINCODE	BAL_DUE
C00003	PREM PUJARI	Mumbai	400057	5000
C00001	SMITHA JAIN	Mumbai	400054	15000
C00006	ROOPA	Mumbai	400050	0

3 rows returned in 0.03 seconds

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4. Find the name and address of customer who has placed Order\_no 'O19003' and 'O19002' respectively.

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Run

SELECT cm.Name, cm.City, cm.Pincode FROM CLIENT\_MASTER cm JOIN SALE\_ORDER so ON cm.Client\_No = so.Client\_No WHERE so.Order\_No = 'O19003'  
UNION ALL  
SELECT cm.Name, cm.City, cm.Pincode FROM CLIENT\_MASTER cm JOIN SALE\_ORDER so ON cm.Client\_No = so.Client\_No WHERE so.Order\_No = 'O19002';

Results

Explain

Describe

Saved SQL

History

NAME	CITY	PINCODE
SMITHA JAIN	Mumbai	400054
VANDANA RAO	Chennai	780001

2 rows returned in 0.02 seconds

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5. Construct English like sentence from the table client\_master ({Customer name} live in the city of {city}).

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Run

SELECT Name || ' lives in the city of ' || City AS Sentence FROM CLIENT\_MASTER;

Results

Explain

Describe

Saved SQL

History

SENTENCE
PREM PUJARI lives in the city of Mumbai
BASU NATH lives in the city of Jaipur
SMITHA JAIN lives in the city of Mumbai
RAVI SHANKAR lives in the city of Delhi
ROOPA lives in the city of Mumbai
VANDANA RAO lives in the city of Chennai

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6. List the client\_no, name, city and pincode of clients whose Order\_status is "In process".

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Rows 10

Save

Run

SELECT cm.Client\_No, cm.Name, cm.City, cm.Pincode FROM CLIENT\_MASTER cm JOIN SALE\_ORDER so ON cm.Client\_No = so.Client\_No WHERE so.Order\_Status = 'In process';

Results

Explain

Describe

Saved SQL

History

CLIENT_NO	NAME	CITY	PINCODE
C00005	RAVI SHANKAR	Delhi	100001
C00001	SMITHA JAIN	Mumbai	400054

2 rows returned in 0.11 seconds

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