

**READ THE QUESTIONS AND WRITE DOWN APPROPRIATE SQL STATEMENTS
,AS ANSWERS**

1)create the tables described below:

a)**TABLE NAME** : client_master

DESCRIPTION: used to store information about client

Column name	Data type	size
Client_no	Varchar2	6
Name	Varchar2	20
Address1	Varchar2	30
Address2	Varchar2	30
City	Varchar2	15
Pincode	Varchar2	8
State	Varchar2	15
Bal_due	number	10,2

```
Enter password:  
Connected.  
SQL> CREATE TABLE client_master (  
2   Client_no VARCHAR2(6),  
3   Name VARCHAR2(20),  
4   Address1 VARCHAR2(30),  
5   Address2 VARCHAR2(30),  
6   City VARCHAR2(15),  
7   Pincode VARCHAR2(8),  
8   State VARCHAR2(15),  
9   Bal_due NUMBER(10,2)  
10 );
```

Table created.

```
SQL> desc client_master;
```

Name	Null?	Type
CLIENT_NO		VARCHAR2(6)
NAME		VARCHAR2(20)
ADDRESS1		VARCHAR2(30)
ADDRESS2		VARCHAR2(30)
CITY		VARCHAR2(15)
PINCODE		VARCHAR2(8)
STATE		VARCHAR2(15)
BAL_DUE		NUMBER(10,2)

b) **TABLE NAME** : product_master

DESCRIPTION: used to store information about products

Column name	Data type	size
product_no	Varchar2	6
Description	Varchar2	15
Profit_percent	Number	4,2
Unity_measure	Varchar2	10
Qty_on_hand	Number	8
Reorder_1v1	Number	8
Sell_price	Number	8,2
Cost_price	Number	8,2

```
SQL> CREATE TABLE product_master (  
2   Product_no VARCHAR2(6),  
3   Description VARCHAR2(15),  
4   Profit_percent NUMBER(4,2),  
5   Unit_measure VARCHAR2(10),  
6   Qty_on_hand NUMBER(8),  
7   Reorder_1v1 NUMBER(8),  
8   Sell_price NUMBER(8,2),  
9   Cost_price NUMBER(8,2)  
10 );
```

Table created.

```
SQL> desc product_master;
```

Name	Null?	Type
PRODUCT_NO		VARCHAR2(6)
DESCRIPTION		VARCHAR2(15)
PROFIT_PERCENT		NUMBER(4,2)
UNIT_MEASURE		VARCHAR2(10)
QTY_ON_HAND		NUMBER(8)
REORDER_1V1		NUMBER(8)
SELL_PRICE		NUMBER(8,2)
COST_PRICE		NUMBER(8,2)

2) INSERT THE FOLLOWING DATA INTO THEIR RESPECTIVE TABLES:

a) data for **client_master** table

Client_no	name	city	pincode	state	Bal_due
C00001	Ivan bayross	Bombay	400054	Maharashtra	15000
C00002	Vandana saitwal	Madras	780001	Tamil nadu	0
C00003	Pramada jaguste	Bombay	400057	Maharashtra	5000
C00004	Basu navindgi	Bombay	400056	Maharashtra	0
C00005	Ravi sreedharam	Delhi	100001		2000
C00006	rukmini	Bombay	400050	Maharashtra	0

```
SQL> INSERT INTO client_master (Client_no, Name, City, Pincode, State, Bal_due)
2 VALUES
3 ('C00001', 'Ivan bayross', 'Bombay', '400054', 'Maharashtra', 15000);
1 row created.

SQL> INSERT INTO client_master (Client_no, Name, City, Pincode, State, Bal_due)
2 values
3 ('C00002', 'Vandana saitwal', 'Madras', '780001', 'Tamil nadu', 0);
1 row created.

SQL> INSERT INTO client_master (Client_no, Name, City, Pincode, State, Bal_due)
2 values
3 ('C00003', 'Pramada jaguste', 'Bombay', '400057', 'Maharashtra', 5000);
1 row created.

SQL> INSERT INTO client_master (Client_no, Name, City, Pincode, State, Bal_due)
2 values
3 ('C00004', 'Basu navindgi', 'Bombay', '400056', 'Maharashtra', 0);
1 row created.

SQL> INSERT INTO client_master (Client_no, Name, City, Pincode, State, Bal_due)
2 values
3 ('C00005', 'Ravi sreedharam', 'Delhi', '100001', 'Delhi', 2000);
1 row created.

SQL> INSERT INTO client_master (Client_no, Name, City, Pincode, State, Bal_due)
2 values
3 ('C00006', 'Rukmini', 'Bombay', '400050', 'Maharashtra', 0);
1 row created.
```

```
SQL> select *from client_master;

CLIENT NAME      ADDRESS1      ADDRESS2      CITY      PINCODE      STATE      BAL_DUE
-----
C00001 Ivan bayross      Bombay      400054      Maharashtra      15000
C00002 Vandana saitwal      Madras      780001      Tamil nadu      0
C00003 Pramada jaguste      Bombay      400057      Maharashtra      5000
C00004 Basu navindgi      Bombay      400056      Maharashtra      0
C00005 Ravi sreedharam      Delhi      100001      Delhi      2000
C00006 Rukmini      Bombay      400050      Maharashtra      0
```

B) data for **product_master** table

Product_no	Description	Profit_percent	Unit_measure	Qty_on_hand	Reorder_lv1	Sell_price	Cost_prive
P00001	1.44 floppies	5	piece	100	20	525	500
P03453	Monitors	6	Piece	10	3	12000	11280
P06734	Mouse	5	Piece	20	5	1050	1000
P07865	1.22 floppies	5	Piece	100	20	525	500
P07868	Keyboards	2	Piece	10	3	3150	3050
P07885	Cd drive	2.5	Piece	10	3	5250	5100
P07965	540 hdd	4	Piece	10	3	8400	8000
P07975	1.44 drive	5	Piece	10	3	1050	1000
P08865	1.22 drive	5	piece	2	3	1050	1000

```
SQL> INSERT INTO product_master (Product_no, Description, Profit_percent, Unit_measure, Qty_on_hand, Reorder_lv1, Sell_price, Cost_price)
2 VALUES
3 ('P00001', '1.44 floppies', 5, 'piece', 100, 20, 525, 500);

1 row created.

SQL> INSERT INTO product_master (Product_no, Description, Profit_percent, Unit_measure, Qty_on_hand, Reorder_lv1, Sell_price, Cost_price)
2 VALUES
3 ('P03453', 'Monitors', 6, 'piece', 10, 3, 12000, 11280);

1 row created.

SQL> INSERT INTO product_master (Product_no, Description, Profit_percent, Unit_measure, Qty_on_hand, Reorder_lv1, Sell_price, Cost_price)
2 VALUES
3 ('P06734', 'Mouse', 5, 'piece', 20, 5, 1050, 1000);

1 row created.

SQL> INSERT INTO product_master (Product_no, Description, Profit_percent, Unit_measure, Qty_on_hand, Reorder_lv1, Sell_price, Cost_price)
2 VALUES
3 ('P07865', '1.22 floppies', 5, 'piece', 100, 20, 525, 500);

1 row created.

SQL> INSERT INTO product_master (Product_no, Description, Profit_percent, Unit_measure, Qty_on_hand, Reorder_lv1, Sell_price, Cost_price)
2 VALUES
3 ('P07868', 'Keyboards', 2, 'piece', 10, 3, 3150, 3050);
```

```
SQL> INSERT INTO product_master (Product_no, Description, Profit_percent, Unit_measure, Qty_on_hand, Reorder_lv1, Sell_price, Cost_price)
2 VALUES
3 ('P07885', 'Cd drive', 2.5, 'piece', 10, 3, 5250, 5100);

1 row created.

SQL> INSERT INTO product_master (Product_no, Description, Profit_percent, Unit_measure, Qty_on_hand, Reorder_lv1, Sell_price, Cost_price)
2 VALUES
3 ('P07965', '540 hdd', 4, 'piece', 10, 3, 8400, 8000);

1 row created.

SQL> INSERT INTO product_master (Product_no, Description, Profit_percent, Unit_measure, Qty_on_hand, Reorder_lv1, Sell_price, Cost_price)
2 VALUES
3 ('P07975', '1.44 drive', 5, 'piece', 10, 3, 1050, 1000);

1 row created.

SQL> INSERT INTO product_master (Product_no, Description, Profit_percent, Unit_measure, Qty_on_hand, Reorder_lv1, Sell_price, Cost_price)
2
SQL> INSERT INTO product_master (Product_no, Description, Profit_percent, Unit_measure, Qty_on_hand, Reorder_lv1, Sell_price, Cost_price)
2 VALUES
3 ('P08865', '1.22 drive', 5, 'piece', 2, 3, 1050, 1000);

1 row created.
```

```
SQL> select *from product_master;
```

PRODUC	DESCRIPTION	PROFIT_PERCENT	UNIT_MEASU	QTY_ON_HAND	REORDER_1V1	SELL_PRICE	COST_PRICE
P00001	1.44 floppies		5 piece	100	20	525	500
P03453	Monitors		6 piece	10	3	12000	11200
P06734	Mouse		5 piece	20	5	1050	1000
P07865	1.22 floppies		5 piece	100	20	525	500
P07868	Keyboards		2 piece	10	3	3150	3050
P07885	Cd drive	2.5	piece	10	3	5250	5100
P07965	540 hdd		4 piece	10	3	8400	8000
P07975	1.44 drive		5 piece	10	3	1050	1000
P08865	1.22 drive		5 piece	2	3	1050	1000

C) data for salesman_master table

Sales man _no	Sales man _name	Add ress1	Add ress2	city	Pin code	State	Sal_Amt	Tgt_to _get	Ytd _sales	Rem arks
S00001	kiran	A/14	Worli	Bombay	400002	Maha rashtra	3000	100	50	Good
S00002	Manish	65	nariman	Bombay	400001	Maha rashtra	3000	200	100	Good
S00003	Ravi	p-7	Bandra	Bombay	400032	Maha rashtra	3000	200	100	Good
S00004	ashish	a/5	Juhu	Bombay	400044	Maha rashtra	3500	200	150	Good

```
SQL> CREATE TABLE salesman_master (
2     Salesman_no VARCHAR2(6),
3     Salesman_name VARCHAR2(20),
4     Address1 VARCHAR2(30),
5     Address2 VARCHAR2(30),
6     City VARCHAR2(15),
7     Pincode VARCHAR2(8),
8     State VARCHAR2(15),
9     Sal_Amt NUMBER(8,2),
10    Tgt_to_get NUMBER(8),
11    Ytd_sales NUMBER(8),
12    Remarks VARCHAR2(20)
13 );
```

Table created.

```
SQL> desc salesman_master;
```

Name	Null?	Type
SALESMAN_NO		VARCHAR2(6)
SALESMAN_NAME		VARCHAR2(20)
ADDRESS1		VARCHAR2(30)
ADDRESS2		VARCHAR2(30)
CITY		VARCHAR2(15)
PINCODE		VARCHAR2(8)
STATE		VARCHAR2(15)
SAL_AMT		NUMBER(8,2)
TGT_TO_GET		NUMBER(8)
YTD_SALES		NUMBER(8)
REMARKS		VARCHAR2(20)

```
Table created.

SQL> INSERT INTO salesman_master (Salesman_no, Salesman_name, Address1, Address2, City, Pincode, State, Sal_Amt, Tgt_to_get, Ytd_sales, Remarks)
2 VALUES
3 ('S00001', 'Kiran', 'A/14', 'Worli', 'Bombay', '400002', 'Maharashtra', 3000, 100, 50, 'Good');

1 row created.

SQL> INSERT INTO salesman_master (Salesman_no, Salesman_name, Address1, Address2, City, Pincode, State, Sal_Amt, Tgt_to_get, Ytd_sales, Remarks)
2 VALUES
3 ('S00002', 'Manish', '65', 'Nariman', 'Bombay', '400001', 'Maharashtra', 3000, 200, 100, 'Good');

1 row created.

SQL> INSERT INTO salesman_master (Salesman_no, Salesman_name, Address1, Address2, City, Pincode, State, Sal_Amt, Tgt_to_get, Ytd_sales, Remarks)
2 VALUES
3 ('S00003', 'Ravi', 'P-7', 'Bandra', 'Bombay', '400032', 'Maharashtra', 3000, 200, 100, 'Good');

1 row created.

SQL> INSERT INTO salesman_master (Salesman_no, Salesman_name, Address1, Address2, City, Pincode, State, Sal_Amt, Tgt_to_get, Ytd_sales, Remarks)
2 VALUES
3 ('S00004', 'Ashish', 'A/5', 'Juhu', 'Bombay', '400044', 'Maharashtra', 3500, 200, 150, 'Good');

1 row created.
```

```
SQL> set linesize 200;
SQL> select *from salesman_master;
```

SALESMAN_NO	SALESMAN_NAME	ADDRESS1	ADDRESS2	CITY	PINCODE	STATE	SAL_AMT	TGT_TO_GET	YTD_SALES	REMARKS
S00001	Kiran	A/14	Worli	Bombay	400002	Maharashtra	3000	100	50	Good
S00002	Manish	65	Nariman	Bombay	400001	Maharashtra	3000	200	100	Good
S00003	Ravi	P-7	Bandra	Bombay	400032	Maharashtra	3000	200	100	Good
S00004	Ashish	A/5	Juhu	Bombay	400044	Maharashtra	3500	200	150	Good