1) Find out the names of all the clients.

```
SQL> select name from client_master;

NAME

Ivan Bayross
Vandana Saitwal
Pramada Jaguste
Basu Navindgi
Ravi Sreedharan
Rukmini
6 rows selected.
```

2) Retrieve the entire contents of the Client\_master table.

LIENT NAME	ADDRESS1	ADDRESS2	CITY	PINCODE STATE	BAL_DUE
30001 Ivan Bayross			Bombay	400054 Maharashtra	15000
00002 Vandana Saitwa	al		Madras	780001 Tamil Nadu	0
10003 Pramada Jagust	te e		Bombay	400057 Maharashtra	5000
0004 Basu Navindgi			Bombay	400056 Maharashtra	0
0005 Ravi Sreedhara	an		Delhi	110001 Delhi	2000
00006 Rukmini			Bombay	400050 Maharashtra	0

3) Retrieve the list of names and the cities of all the clients.

```
SQL> select name,city
2 from client_master;

NAME CITY

Ivan Bayross Bombay
Vandana Saitwal Madras
Pramada Jaguste Bombay
Basu Navindgi Bombay
Ravi Sreedharan Delhi
Rukmini Bombay
6 rows selected.
```

4) List the various products available from the Product\_master table.

5) List all the clients who are located in Bombay.

```
SQL> select name

2 from client_master

3 where city='Bombay';

NAME

Ivan Bayross

Pramada Jaguste

Basu Navindgi

Rukmini
```

6) Find out names of the salesman who have salary equal to Rs. 3000.

```
SQL> SELECT salesman_name
2  FROM salesman_master
3  WHERE sal_amt=3000;

SALESMAN_NAME
------
Kiran
Manish
Ravi
```

7) Change the city of Client\_no 'C00001' to 'Mumbai'.

```
SQL> UPDATE Client master
 2 SET city = 'Mumbai'
 3 WHERE client_no = 'C00001';
l row updated.
SQL> select * from client master;
CLIENT NAME
                           ADDRESS1
                                                          ADDRESS2
                                                                                         CITY
                                                                                                            PINCODE STATE
                                                                                                                                       BAL_DUE
                                                                                                                                          15000
C00001 Ivan Bayross
                                                                                                              400054 Maharashtra
                                                                                         Mumbai
C00002 Vandana Saitwal
                                                                                         Madras
                                                                                                             780001 Tamil Nadu
                                                                                                                                             0
C00003 Pramada Jaguste
                                                                                         Bombay
                                                                                                             400057 Maharashtra
                                                                                                                                           5000
C00004 Basu Navindgi
                                                                                         Bombay
                                                                                                              400056 Maharashtra
                                                                                                                                             0
C00005 Ravi Sreedharan
                                                                                         Delhi
                                                                                                              110001 Delhi
                                                                                                                                           2000
C00006 Rukmini
                                                                                                              400050 Maharashtra
                                                                                         Bombay
```

8) Change the bal due of Client no 'C00001' to Rs. 1000.

```
SQL> UPDATE Client master
 2 SET bal due = 1000
 3 WHERE client_no = 'C00001';
1 row updated.
SQL> select * from client_master;
CLIENT NAME
                           ADDRESS1
                                                                                           CITY
                                                                                                              PINCODE STATE
                                                           ADDRESS2
                                                                                                                                         BAL_DUE
                                                                                                               400054 Maharashtra
                                                                                                                                            1000
C00001 Ivan Bayross
                                                                                           Mumbai
C00002 Vandana Saitwal
                                                                                           Madras
                                                                                                               780001 Tamil Nadu
                                                                                                              400057 Maharashtra
C00003 Pramada Jaguste
                                                                                           Bombay
                                                                                                                                            5000
C00004 Basu Navindgi
                                                                                           Bombay
                                                                                                               400056 Maharashtra
                                                                                                                                               0
C00005 Ravi Sreedharan
                                                                                                               110001 Delhi
                                                                                           Delhi
                                                                                                                                            2000
C00006 Rukmini
                                                                                                               400050 Maharashtra
                                                                                                                                               0
                                                                                           Bombay
6 rows selected.
```

9) Change the cost price of '1.22 Floppies' to Rs. 950.

```
QL> update product_master
2 set cost_price=950
   where description='1.22 Floppies';
 row updated.
QL> select * from product_master;
                    PROFIT_PERCENT UNIT_MEASU QTY_ON_HAND REORDER_LVL SELL_PRICE COST_PRICE
RODUC DESCRIPTION
                              5 Piece
                                                                                     500
00001 1.44 Floppies
                               6 Piece
                                                   10
03453 Monitors
                                                                        12000
                                                                                   11280
06734 Mouse
                                5 Piece
                                                     20
                                                                         1050
                                                                                    1000
07865 1.22 Floppies
                                5 Piece
                                                    100
                                                                                    950
07868 Keyboards
                                2 Piece
                                                                                    3050
                                                     10
                                                                         3150
07885 CD Drive
                               2.5 Piece
                                                     10
                                                                         5250
                                                                                    5100
07965 540 HDD
                                4 Piece
                                                     10
                                                                         8400
                                                                                    8000
07975 1.44 Drive
                                5 Piece
                                                     10
                                                                          1050
                                                                                    1000
08865 1.22 Drive
                                 5 Piece
                                                                          1050
                                                                                    1000
```

10) Change the city of the salesman to Mumbai.

```
SQL> update salesman master
 2 set city='mumbai';
 rows updated.
SQL> select * from salesman_master;
SALESM SALESMAN NAME
                          ADDRESS1
                                                       ADDRESS2
                                                                                    CITY
                                                                                                           PINCODE STATE
                                                                                                                                         SAL AMT TGT TO GET YT
 SALES REMARKS
00001 Kiran
                         A/14
                                                                                                            400002 Maharashtra
                                                                                                                                                        100
           50 Good
500002 Manish
                                                       Nariman
                                                                                    mumbai
                                                                                                            400001 Maharashtra
                                                                                                                                                        200
           100 Good
500003 Ravi
                         P-7
                                                       Bandra
                                                                                                            400032 Maharashtra
                                                                                                                                            3000
                                                                                    mumbai
                                                                                                                                                        200
           100 Good
500004 Ashish
                                                       Juhu
                                                                                    mumbai
                                                                                                            400044 Maharashtra
                                                                                                                                            3500
                                                                                                                                                        200
           150 Good
```

11) Delete all salesman from the salesman\_master whose salaries are equal to Rs. 3500.

SALESM SALESMAN_NAME D_SALES REMARKS	ADDRESS1	ADDRESS2	CITY	PINCODE STATE	SAL_AMT TO	GT_TO_GET YT
 S00001 Kiran 50 Good	A/14	Worli	mumbai	400002 Maharashtra	3000	100
S00002 Manish	65	Nariman	mumbai	400001 Maharashtra	3000	200
100 Good S00003 Ravi 100 Good	P-7	Bandra	mumbai	400032 Maharashtra	3000	200
S00004 Ashish 150 Good	A/5	Juhu	mumbai	400044 Maharashtra	3500	200
<pre>SQL&gt; DELETE FROM salesmar 2 WHERE sal_amt=3500; 1 row deleted. SQL&gt; select * from salesma</pre>						
SALESM SALESMAN_NAME D_SALES REMARKS	ADDRESS1	ADDRESS2	CITY	PINCODE STATE	SAL_AMT TO	GT_TO_GET YT
 S00001 Kiran 50 Good	A/14	Worli	mumbai	400002 Maharashtra	3000	100
S00002 Manish	65	Nariman	mumbai	400001 Maharashtra	3000	200
100 Good S00003 Ravi 100 Good	P-7	Bandra	mumbai	400032 Maharashtra	3000	200

12) Delete all products from product\_master where the quantity on hand is equal to 100.

```
SQL> select * from product master;
PRODUC DESCRIPTION PROFIT_PERCENT UNIT_MEASU QTY_ON_HAND REORDER_LVL SELL_PRICE COST_PRICE

      P00001 1.44 Floppies
      5 Piece

      P03453 Monitors
      6 Piece

      P06734 Mouse
      5 Piece

                                                 100
10
20
                                                                           20
3
                                                                                    12000
                                                                                                11280
                             5 Piece
5 Piece
                                                                                                 1000
P07865 1.22 Floppies
P07868 Keyboards
                                                           100
10
10
                                                                                                  500
                                                                                     3150
                                                                                                 3050
                                  2.5 Piece
P07885 CD Drive
                                                                                     5250
                                                                                                 5100
                                   4 Piece
5 Piece
P07965 540 HDD
                                                                                     8400
P07975 1.44 Drive
                                                                                     1050
                                                                                                 1000
P08865 1.22 Drive
                                      5 Piece
                                                                                     1050
                                                                                                 1000
9 rows selected.
SQL> DELETE FROM product_master
  2 WHERE qty_on_hand=100;
2 rows deleted.
SQL> select * from product_master;
PRODUC DESCRIPTION PROFIT_PERCENT UNIT_MEASU QTY_ON_HAND REORDER_LVL SELL_PRICE COST_PRICE
                                                      10
20
10
P03453 Monitors
                                      6 Piece
                                                                                                11280
                                     5 Piece
P06734 Mouse
                                                                                     1050
                                                                                                 1000
                                                             10
10
P07868 Keyboards
                                      2 Piece
                                                                                     3150
                                                                                                 3050
                                    2.5 Piece
P07885 CD Drive
                                                                                     5250
                                                                                                 5100
                                    4 Piece
P07965 540 HDD
                                                             10
P07975 1.44 Drive
                                     5 Piece
                                                              10
                                                                                     1050
                                                                                                 1000
P08865 1.22 Drive
                                      5 Piece
                                                                                     1050
                                                                                                 1000
  rows selected.
```

### 13) Delete from Client\_master where the column state holds the value 'Tamil Nadu'.

QL> select * from	client_master;				
CLIENT NAME	ADDRESS1	ADDRESS2	CITY	PINCODE STATE	BAL_DUE
00001 Ivan Bayross			Bombay	400054 Maharashtra	15000
00002 Vandana Sait	wal		Madras	780001 Tamil Nadu	0
00003 Pramada Jagu:	ste		Bombay	400057 Maharashtra	5000
00004 Basu Navindg			Bombay	400056 Maharashtra	0
000005 Ravi Sreedha	ran		Delhi		2000
00006 Rukmini			Bombay	400050 Maharashtra	0
SQL> DELETE FROM Cl 2 WHERE state = 1 row deleted. SQL> select * from a	'Tamīl Nadu';				
CLIENT NAME	ADDRESS1	ADDRESS2	CITY	PINCODE STATE	BAL_DUE
00001 Ivan Bayross			Bombay	400054 Maharashtra	15000
00003 Pramada Jagu:			Bombay	400057 Maharashtra	5000
00004 Basu Navindg			Bombay		0
DODOG David Caradlas	ran		Delhi	110001 Delhi	2000
000005 Ravi Sreedha 000006 Rukmini			Bombay	400050 Maharashtra	

## 14) Add a column called 'telephone' of data type 'number' and size =10 to the Client master table.

5QL> select * from c	client_master;				
LIENT NAME	ADDRESS1	ADDRESS2	CITY	PINCODE STATE	BAL_DUE
00001 Ivan Bayross 00003 Pramada Jagus 00004 Basu Navindgi 00005 Ravi Sreedhar 00006 Rukmini	ste i		Bombay Bombay Bombay Delhi Bombay	400054 Maharashtra 400057 Maharashtra 400056 Maharashtra 110001 Delhi 400050 Maharashtra	15000 5000 0 2000
QL> ALTER TABLE Cli 2 ADD telephone M able altered.					
QL> select * from o	client_master;				
LIENT NAME	ADDRESS1	ADDRESS2	CITY	PINCODE STATE	BAL_DUE TELEPHONE
00001 Ivan Bayross 00003 Pramada Jagus 00004 Basu Navindgi 00005 Ravi Sreedhar 00006 Rukmini	ste i		Bombay Bombay Bombay Delhi Bombay	400054 Maharashtra 400057 Maharashtra 400056 Maharashtra 110001 Delhi 400050 Maharashtra	15000 5000 0 2000

# 15) Change the size of sell\_price column in product\_master to 10,2.

```
SQL> select * from product master;
PRODUC DESCRIPTION PROFIT_PERCENT UNIT_MEASU QTY_ON_HAND REORDER_LVL SELL_PRICE COST_PRICE
                                                10 3
20 5
10 3
10 3
P03453 Monitors
                                   6 Piece
                                                                              12000
                                                                                          11280
P06734 Mouse
                                   5 Piece
                                                                                1050
                                                                                           1000
                                  2 Piece
P07868 Keyboards
                                                                               3150
                                                                                           3050
                                  2.5 Piece
P07885 CD Drive
                                                                               5250
                                                                                          5100
                                  4 Piece
P07965 540 HDD
                                                                                8400
                                                                                           8000
P07975 1.44 Drive
                                   5 Piece
                                                                                1050
                                                                                           1000
08865 1.22 Drive
                                    5 Piece
                                                                                1050
                                                                                           1000
 rows selected.
SQL> ALTER TABLE product_master
     2 MODIFY sell_price NUMBER(10, 2);
Table altered.
SQL> select * from product_master;
PRODUC DESCRIPTION PROFIT_PERCENT UNIT_MEASU QTY_ON_HAND REORDER_LVL SELL_PRICE COST_PRICE
P03453 Monitors
                                   6 Piece
                                                                                          11280
                                   5 Piece
P06734 Mouse
                                                          20
                                                                               1050
                                                                                           1000
                                    2 Piece
P07868 Keyboards
                                                                                3150
                                                                                           3050
                                                          10
P07885 CD Drive
                                  2.5 Piece
                                                          10
                                                                                5250
                                                                                           5100
P07965 540 HDD
                                    4 Piece
P07975 1.44 Drive
                                    5 Piece
                                                          10
                                                                                1050
                                                                                           1000
08865 1.22 Drive
                                    5 Piece
                                                                                1050
                                                                                           1000
 rows selected.
```

#### 16) Destroy the table client\_master along with its data.

SQL> select * from client_master;							
CLIENT NAME	ADDRESS1	ADDRESS2	CITY	PINCODE STATE	BAL_DUE TELEPHONE		
C00001 Ivan Bayross C00003 Pramada Jagu C00004 Basu Navindg C00005 Ravi Sreedhar C00006 Rukmini	i		Bombay Bombay Bombay Delhi Bombay	400054 Maharashtra 400057 Maharashtra 400056 Maharashtra 110001 Delhi 400050 Maharashtra	15000 5000 0 2000		
SQL> DROP TABLE Clie Table dropped.	ent_master;						
SQL> select * from ( select * from client * ERROR at line 1: ORA-00942: table or							

#### 17) Change the name of salesman\_master table to sman\_mast.

SQL> select * from salesman_master;								
SALESM SALESMAN_NAME D_SALES REMARKS	ADDRESS1	ADDRESS2	CITY	PINCODE STATE	SAL_AMT TO	GT_TO_GET	YT	
 500001 Kiran 50 Good	A/14	Worli	mumbai	400002 Maharashtra	3000	100		
S00002 Manish 100 Good	65	Nariman	mumbai	400001 Maharashtra	3000	200		
500003 Ravi 100 Good	P-7	Bandra	mumbai	400032 Maharashtra	3000	200		
SQL> ALTER TABLE salesman_	master RENAME TO sman_mast;							
Table altered.								
SQL> select * from salesma select * from salesman_mas								
ERROR at line 1: ORA-00942: table or view d	oes not exist							
SQL> select * from sman_ma	st;							
SALESM SALESMAN_NAME D_SALES REMARKS	ADDRESS1	ADDRESS2	CITY	PINCODE STATE	SAL_AMT TO	GT_TO_GET	YT	
500001 Kiran	A/14	  Worli	mumbai	400002 Maharashtra	3000	100		
50 Good								
S00002 Manish 100 Good	65	Nariman	mumbai	400001 Maharashtra	3000	200		
S00003 Ravi 100 Good	P-7	Bandra	mumbai	400032 Maharashtra	3000	200		