

**TABLE: client\_master**

```
create table client_master
(client_no      varchar2(6) primary key,
name           varchar2(20),
address1       varchar2(30),
address2       varchar2(30),
city           varchar2(15),
state          varchar2(15),
pincodenumber(6),
bal_due        number(10,2)
);
```

**Insert the following data into table:**

```
insert into client_master values('0001', 'Ivan',' ', 'Bombay', 'Maharashtra',400054, 15000);
insert into client_master values('0002', 'Vandana',' ', 'Madras', 'Tamilnadu',780001, 0);
insert into client_master values('0003', 'Pramada',' ', 'Bombay', 'Maharashtra',400057, 5000);
insert into client_master values('0004', 'Basu',' ', 'Bombay', 'Maharashtra',400056, 0);
insert into client_master values('0005', 'Ravi',' ', 'Delhi', ' ',100001, 2000);
insert into client_master values('0006', 'Rukmini',' ', 'Bombay', 'Maharashtra', 400050,
0);
```

**TABLE : Product\_master**

```
create table product_master
(
product_no      varchar2(6) primary key,
description     varchar2(20),
profit_percent  number(5,2),
unit_measure    varchar2(8),
qty_on_hand     number(6),
reoder_lvl     number(6),
sell_price      number(10),
cost_price      number(10));
```

**Insert the following data into table:**

```
insert into product_master values ('P00001', '1.44floppies', 5, 'piece', 100, 20, 525,
500);
insert into product_master values('P03453', 'Monitors',6, 'piece', 10, 3, 12000, 11200);
insert into product_master values('P06734', 'Mouse',5, 'piece', 20, 5, 1050,
500);
```

```

insert into product_master values('P07865', '1.22 floppies', 5, 'piece', 100, 20, 525,
500);
insert into product_master values('P07868', 'Keyboards',2, 'piece', 10, 3, 3150, 3050);
insert into product_master values('P07885', 'CD Drive',2.5, 'piece',10, 3, 5250, 5100);
insert into product_master values('P07965', '540 HDD',4, 'piece', 10, 3, 8400, 8000);
insert into product_master values('P07975', '1.44 Drive',5, 'piece', 10, 3, 1050, 1000);
insert into product_master values('P08865', '1.22 Drive',5, 'piece', 2, 3, 1050, 1000);

```

### QUERIES ON BOTH TABLES:

i) Find out the names of all the clients.

```
select name from client_master;
```

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

```
select client_no , name, city from client_master;
```

iii) List the various products available from the product\_master table.

```
select product_no, description from product_master;
```

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

```
select client_no, name from client_master where city ='Bombay';
```

v) Display the information for client no 0001 and 0002.

```
select * from client_master where client_no in (0001,0002);
```

vi) Find the products with description as '1.44 drive' and '1.22 Drive'.

```
select * from product_master where description in ('1.44 Drive','1.22 Drive');
```

vii) Find all the products whose sell price is greater than 5000.

```
select * from product_master where sell_price > 5000;
```

viii) Find the list of all clients who stay in in city 'Bombay' or city 'Delhi' or 'Madras'.

```
select * from client_master where city in('Bombay','Delhi','Madras');
```

ix) Find the product whose selling price is greater than 2000 and less than or equal to 5000.

```
select * from product_master where sell_price between 2000 and 5000;
```

x) List the name, city and state of clients not in the state of 'Maharashtra'.

```
select name, city, state from client_master where state='Maharashtra';
```