

Assignment – 1

SUB QUERY

TABLE 1: 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),
pincode        number(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 2 : 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),
reorder_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:

1. Find out the names of all the clients.
2. Retrieve the list of names and 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. Display the information for client no 0001 and 0002.
6. Find the products with description as '1.44 drive' and '1.22 Drive'.
7. Find all the products whose sell price is greater than 5000.
8. Find the list of all clients who stay in in city 'Bombay' or city 'Delhi' or 'Madras'.
9. Find the product whose selling price is greater than 2000 and less than or equal to 5000.
10. List the name, city and state of clients not in the state of 'Maharashtra'.