ASSIGNMENT NO.3

Answer the following Queries:

Using the tables created previously generate the SQL statements for the operations mentioned below. The tables in use are as follows:

a. Client_master
b. Product_master
c. Salesman_master
d. Sales_order
e. Sales_order_details

Perform the following computation on table data.

a. List the names of all clients having 'a' as second letter in their names.
b. List the clients who stay in the city whose first letter is 'M'.
c. List all clients who stay in 'Bangalore' or 'Mangalore'.
d. List all clients whose bal_due is greater than value 10000.
e. List all information from sales_order for orders placed in the month of June.
f. List the order information for the client no. 'C00001' and 'C00002'.
g. List products whose selling price is greater than 500 and less than or equal to 750.
h. List products whose selling price is more than 500. Calculate a new selling price as, original selling price *.15. Rename the new column in the output of the above query as new_price.
i. List the names, city and state of clients who are NOT in the state of 'Maharashtra'.
j. Count the total no. of orders.
k. Calculate the average price of all products.
l. Determine the maximum and minimum product prices. Rename the output as max_price and min_price respectively.
m. Count the number of products having price less than or equal to 500.
n. List all the products whose qnty_on_hand is less than reorder_lvl.

ASSIGNMENT NO.4

Exercise on sub-queries.

a. Find the product_no and description of non- moving products i.e. products not being sold.
b. Find the customer name, address1, address2, city and pincode for the client who has placed order no "019001".
c. Find the client names that have placed order before the month of May'02.
d. List if the product 'Lycra Top' has been ordered by any client and print the client_no., name to whom it was sold.
e. List the names of clients who have placed orders worth Rs. 10000 or more.

Exercise on Having and Group By Clauses:

a. Print the description and total quantity sold for each product.
b. Find the value of each product sold.
c. Calculate the average quantity sold for each client that has a maximum order value of 15000.00.
d. Find out the total of all the billed orders for the month of June.

ASSIGNMENT NO.5

Exercise on Joins and Correlation:

a. Find out the products which have been sold to 'Ivan Bayross'.
b. Find out the products and their quantities that have to be delivered in the current month.
c. List the product no. and the description of constantly sold (i.e. rapidly moving) products.
d. Find the names of clients who have purchased 'Trousers'.
e. List the products and orders from customers who have ordered less than 5 units of 'Pull Overs'.
f. Find the product and their quantities for the orders placed by 'Ivan Bayross' and 'Mamta Mazumdar'.
g. Find the product and their quantities for the orders placed by client no. 'C00001' and 'C00002'.