

ASSIGNMENT 5

Aim: Manage data into the above tables using insert, select, update, delete, DML SQL queries

Problem Statement: Manage data in tables

- Display all purchase orders of a specific customer
- Get customer and data item information for a specific purchase order
- Get the total value of purchase order
- List the purchase orders in descending order as Total
- Display the name of customers whose first name starts with "Rav".
- Display the name of customer whose order amount is greater than all the customers
- Display order details of customer whose city name is "Pune" and purchase date is "22/08/2016"
- Add discount of 5% to all customers whose order is more than Rs 10000/-
- Delete purchase order 1001

Objective: • To understand use of various DML queries

- To understand use of various clauses, operators, functions and set operator in DML queries

Theory: -

Data Manipulation Language (DML)

Insert Command

- Insert into table-name [(col-name, col-name)] values (expression, expression);
- Insert into table-name select col-name, col-name from

table_name ;

Update Command

• Update table_name set column_name = expression, col_name = expression where column_name = expression ;

Delete Command

delete from table_name where search_condition ;

Examples :-

- 1) Insert into customer values ('Ravi', 'Pune', 101) ;
- 2) Update account set balance = balance - 103 ;
- 3) delete from account ;

Input - Given database schema

Output - Database tables for given input

Conclusion - I studied various basic DML commands and various clauses written with DML commands like operators, functions and set operator.