

Group B
Assignment No. 5

• Aim :

Manage data in the above tables using insert, select, update, delete DML SQL queries.

• Problem Statement :

Manage data into the above tables using insert, select, update, delete with operations, functions, and set operator. And execute queries like :

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

• Theory:

1) Data Manipulation Language (DML):-

After the database structure is defined with DDL database administrators and users can utilize the Data manipulation language to insert, retrieve and modify the data contained within it.

A) Insert command:

```
INSERT INTO table-name [(column-name, column-name)]  
values (expression, expression)
```

B) Update command:

```
UPDATE table-name set column-name = expression,  
column-name = expression, where column-name = expression.
```

C) Delete command:

```
DELETE from table-name where search condition
```


• Conclusion:

From this assignment I was able to understand various basic DML commands and various clauses written with DML commands like operators, functions and set operator.