Database Technologies – Assignment 2

NOTE – Database Creation and user Creation, assigning privileges is responsibility of Database Administrator (root)

1. Create 'classwork' database. Import classwork-db.sql.

2. Create 'hr' database. Import hr-db.sql.

3. Create 'sales' database. Import sales-db.sql.

4. Create 'northwind' database. Import northwind-db.sql.

5. List all tables in classwork database. Display contents of all tables (one by one).

6. List all tables in sales database. Display contents of all tables (one by one).

7. Login with your user name (d1_12345). List all tables in sales database. Display contents of all tables (one by one). **Answer the following questions (by observations only – not queries).**

   a. How many orders data is present in the database?

   b. How many customers are present in the database?

   c. How many salespeople are present in the database?

   d. On which date order with highest amount is placed?

   e. For which order salesman got maximum commission? Hint: you need to refer data of two tables.

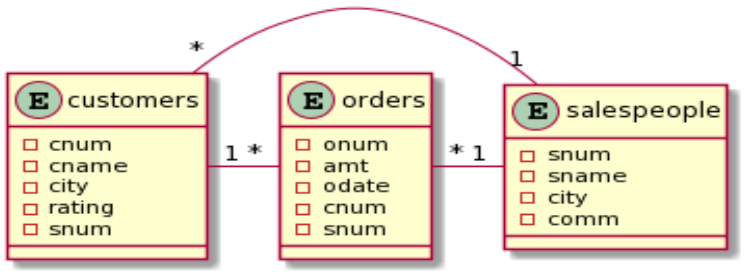
   f. Which salesman are handling more than two customers? Hint: you need to refer data of two tables.

   g. Which city have single customer?

   h. Which city have multiple salespeople?

   i. What is name of customer and salesman of the maximum amount order?

8. Study relationship between the tables in sales database.



Database Technologies – Assignment 2

Note : To solve below queries use "sales" database

9. Write a select command that produces the order number, amount, and date for all rows in the Orders table.

10. Write a query that displays the Salespeople table with the columns in the following order: city, sname, snum, comm.

11. Write a query that produces all rows from the Customers table for which the salesperson's number is 1001.

12. Write a select command that produces the rating followed by the name of each customer in San Jose.

13. Write a query that will produce the snum values of all salespeople from the Orders table (with the duplicate values suppressed).

14. Write a query that will give you all orders for more than Rs. 1,000.

15. Write a query that will give you the names and cities of all salespeople in London with a commission above 0.10.

16. Write a query on the Customers table whose output will exclude all customers with a rating <= 100, unless they are located in Rome.

17. Write a query that selects all orders except those with zeroes or NULLs in the amt field.

Database Technologies – Assignment 2

Note: To solve below queries use "spj" database

18. Display all the data from the S table.
19. Display only the S# and SNAME fields from the S table.
20. Assuming that the Part Weight is in GRAMS, display the same in MILLIGRAMS and KILOGRAMS.
21. Display the PNAME and COLOR from the P table for the CITY="London"
22. Display all the Suppliers from London.
23. Display all the Suppliers from Paris or Athens.
24. Display all the Projects in Athens.
25. Display all the Part names with the weight between 12 and 14 (inclusive of both).
26. Display all the Suppliers with a Status greater than or equal to 20.
27. Display all the Suppliers except the Suppliers from London
28. Display only the Cities from where the Suppliers come from.
29. Display the Supplier table in the descending order of CITY.
30. Display the Part Table in the ascending order of CITY and within the city in the ascending order of Part names.
31. Display all the Suppliers with a status between 10 and 20.
32. Display all the Parts and their Weight, which are not in the range of 10 and 15.